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BRIGHAM YOUNG UNIVERSITY

AND

Church Normal Training School

Catalogue and Announcements

FOR THE

Thirty-third Academic Year

1908
1909

Published by
THE BRIGHAM YOUNG UNIVERSITY
Provo, City, Utah

UNIVERSITY CALENDAR.

1908.

September 10, 11 and 12, Thursday, Friday and Saturday, entrance examinations.

September 14, Monday, instruction begins.

October 16, Friday, Founders' day.

November 26 and 27, Thursday and Friday, Thanksgiving recess.

December 18, Friday evening holiday vacation begins.

1909.

January 4, Monday morning, holiday vacation ends.

January 29, Friday, first semester ends.

February 1, Monday, second semester begins.

February 22, Washington's Birthday. (Special program.)

April 2-12, Spring vacation.

June 4, Friday morning, thirty-third annual commencement exercises.

CONTENTS.

PAGE.

History 13
Organization 17
School Societies 18
School Equipment 20
Fees and Expenses 25
The College 28
Secondary Schools—
The Normal School 57
The High School 66
The Commercial School 84
The School of Music 96
The School of Arts and Trades 100
The School of Agriculture 119
The Preparatory School 127
Prospective Graduates 129
Enrollment 130

Church School Officers.

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JOHN C. SWENSON, A.B., D.B.
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JAMES L. BROWN, D.B., B.S.,
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First Assistant Matron.
VILATE ELLIOTT, B.Pd.,
Second Assistant Matron.

The Faculty.

PROFESSORS.

Names are arranged in the order of seniority of appointment.

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Philosophy.
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Accounting.
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Foreign Languages.
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Stenography.
JOHN E. BOOTH, B.S.,
Law.
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Geology.
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Education.
ANTHONY C. LUND, D.B.,
Music.

IDA S. DUSENBERRY, B.Pd.,
Kindergarten.

ERNEST D. PARTRIDGE, B.Pd., B.S.,
Mathematics.

JOHN C. SWENSON, A.B., D.B.,
History and Economics.

WM. F. WARD, B.S., D.B.,
Mathematics.

ELLA LARSON,
Normal Training.

CHARLES E. MAW, A.B., B.Pd.,
Chemistry.

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Fine Art and Manual Training.

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ALFRED OSMOND, A.B.,
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WM. H. HOMER, JR., M. S., Agr.
Horticulture.

CHESTER SNOW, A.B.,
Physics.

ELMER E. HINCKLEY, M.D.,
Nursing.

CLARENCE S. JARVIS, B.S. in C.E.,
Engineering.

JAMES L. BARKER, A.B.,
Foreign Languages.

WALTER E. CLUFF, Ph.B.,
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JOSEPH PETERSON, Ph.D.,
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RALPH V. CHAMBERLAIN, Ph.D.,
Biology.

FRED BENNION, A.B.,
Athletics.
LUCILE YOUNG,
Domestic Art.
ORSON D. CAMPBELL,*
Woodwork.
GEORGE C. LANEY, B.S.,
Woodwork.
PRESTON G. PETERSON, B.S.,
Agriculture and Animal Husbandry.

ASSISTANT PROFESSORS.

ALICE L. REYNOLDS, B.Pd., D.B.,
English.
ARETTA YOUNG, B.Pd., D.B.,
Fine Art.
CLAIR W. REID,
Music.
CHESTER G. VAN BUREN, B.S.,
Natural Science.
ROBERT SAUER,
Band.
MOSES GUDMUNDSON,
Orchestra.
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Physics.
N. C. SPAULDING, D. V. S.,
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CHRISTEN JENSEN, M. A.,
History and Sociology.
LAURA PEARL ADAMS,
Oral Expression and Physical Culture.
HANS ANDERSON,
Ironwork.

Physics.

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*On furlough.

INSTRUCTORS.

SARAH E. PRESTON, A.B.,
Stenography.

WM. H. BOYLE,
Preparatory School.

JOHN T. REESE,
Typewriting and Penmanship.

NELLIE SCHOFIELD,
English.

HELEN GLAZIER,
Millinery.

RAY PARTRIDGE,
Mathematics.

ELSIE BARRETT,
Drawing.

MABEL BORG,
Piano.

BERRY MAYCOCK,
Bookkeeping.

EARL J. GLADE,
Bookkeeping.

NETTIE PARKINSON,
Domestic Science.

LAVERNE MORTENSEN,
Domestic Art.

FRED BUSS,
Physiography.

VILATE ELLIOTT, B. Pd.,
Domestic Art.

WILLIAM J. SNOW,
English.

HEBER C. SNELL,
English.

RAY HOLDAWAY,
Piano.

THETHE HARDY,
Typewriting.
ALBERT E. HUISH,
Woodwork.
JOHN C. PETERSON,
Preparatory School.
CARL NELSON,
Preparatory School.
ELMER MILLER,
Preparatory School.
GEORGE W. LARSEN,
Preparatory School.
HUGH M. WOODWARD,
Preparatory School.
ERNEST G. WHITWOOD,
Preparatory School.

ASSISTANTS.

JOHN R. WALSH,
Chemistry.
CLYDE VAN BUREN,
Biology.
SHERWIN MAESER,
Chemistry.
G. L. LUKE,
Physics.

TRAINING SCHOOL FACULTY.

ELLA LARSEN, Director.
IDA S. DUSENBERRY, B.Pd., Kindergarten Director.
ARCHIE THURMAN, Critic and Grade Teacher.
L. JOHN NUTTALL, JR., Critic and Grade Teacher.
FANNIE McLEAN, Critic and Grade Teacher.

————————, Critic and Grade Teacher.
IDA ALLEMAN, B.Pd., Critic and Grade Teacher.
OLIVE Y. GILCHRIST, Critic and Grade Teacher.
HERMES PETERSON, Critic and Grade Teacher.
————————, Assistant Kindergartner.
JULIAN M. CUMMINGS, Nature Work.
CHARLES R. JOHNSON, Music.
BENJAMIN F. LARSON, Art and Manual Training.

STANDING COMMITTEES.

The President is ex-officio a member of all committees.

Admission and Graduation.—James L. Brown, John C. Swenson, Joseph Peterson.

Advance Credit.—O. W. Andelin, C. E. Maw, N. L. Nelson.

Lectures and Socials.—John C. Swenson, F. W. Kirkham, Walter E. Cluff.

Student Aid and Employment.—E. S. Hinckley, E. H. Eastmond, Nellie Schofield, Jennie B. Knight, E. D. Partridge.

Athletics.—Alfred Osmond, E. E. Hinckley, Fred Bennion.

Petitions.—C. S. Jarvis, J. E. Hayes, Earl J. Glade.

Transportation.—The Presidency, Secretary, and Alfred Osmond.

Printing and Advertising.—Joseph B. Keeler, E. H. Holt, N. L. Nelson.

Brigham Young University.

HISTORY.

The Brigham Young University was founded by a deed of trust executed by President Brigham Young, October 16, 1875. A preliminary session was held soon after its establishment, with Hon. W. N. Dusenberry as Principal, succeeded by Dr. Karl G. Maeser, who had been called by President Young to take charge of the school. The Academy was formally opened August 21, 1876, the dedicatory prayer being offered by Daniel H. Wells. Dr. Maeser continued as Principal for fifteen years when he was promoted to the general superintendency of the Church schools; and Dr. Benjamin Cluff, Jr., was chosen to take his place. In 1894, when regular heads or principals of departments were appointed, the title was changed to that of President.

The first Board of Trustees consisted of seven members; viz., Abraham O. Smoot, William Bringhurst, Myron Tanner, Harvey H. Cluff, Wilson H. Dusenberry, Martha J. Coray, and Leonard E. Harrington. A reorganization took place in 1890, when the Trustees, together with the executors, heirs, and assigns of Brigham Young, conveyed to a new Board all the real estate held by the Academy, an act which greatly improved the material interest of the institution.

In the death of President Abraham O. Smoot, which occurred March 6, 1895, the Academy lost one of its oldest friends and staunchest supporters. To fill the vacancy thus made, Brigham Young, oldest son of the founder, was elected President of the Board of Trustees, and Geo. Q. Cannon and Reed Smoot were elected to fill other vacancies.

On July 18, 1896, the institution was formally incorporated

under the laws of the State. Following are the names of the incorporators who were also the Trustees of the institution: Brigham Young, Geo. Q. Cannon, Myron Tanner, Harvey H. Cluff, Wilson H. Dusenberry, Karl G. Maeser, David John, Susa Young Gates, Reed Smoot, Thomas R. Cutler, Geo. D. Snell, and Joseph Don Carlos Young.

Provision is made in the articles of incorporation that the institution shall be under the management of a board of twelve directors, to be elected every three years by the Saints assembled in Annual Conference. The first election took place April 6, 1897. At a meeting of the board held August 2, 1897, Geo. Q. Cannon of the First Presidency of the Church was elected President of the Board, which position he held to the time of his death, April 12, 1901.

The Lewis Hall, situated at the corner of Center and Third West streets, was the first home of the institution. The building had been purchased for the Academy by President Brigham Young, and was re-arranged to meet the wants of the school. This hall served the purpose of the institution for nine years. By the opening of the tenth Academic year two additions had been completed, mainly by the munificence of President Smoot. Six months later, on the night of Jan. 24, 1884, the entire structure was destroyed by fire.

The school was now without a home and without means to rent, buy, or build one. Only one day, however, was lost. The basement of the old Tabernacle, Mr. S. S. Jones's store, and the newly completed First National Bank building were generously turned over for the use of the Academy during the remainder of the year. The following year the floor of the large Z. C. M. I. warehouse was leased. Here the school remained for six years. At the expiration of this time the new building was completed, and on Monday, Jan. 3, 1892, it was formally entered and dedicated.

Founder's day was first celebrated in the year 1891, and has since become a prominent holiday. This day, 1896, was signalized by two important events. The first was the formal creation, by the Board of Trustees, of the College. The second was the placing of the eight grades of the Normal Training school in a separate building.

While this removed the pressure of enrollment to a certain

extent, a point in the school's growth was soon reached when more room became necessary. The need was promptly met, however, by the following named persons: Wilford Woodruff, George Quayle Cannon, Joseph Fielding Smith, Reed Smoot, Jesse Knight, Charles Edwin Loose, Jesse William Knight, Alfred William McCune, Inez Knight, and Stephen L. Chipman. The collegiate building, the dedication of which took place during Commencement week, 1898, now stands as a monument to their liberality. The tableted chairs and settees with which the rooms are seated were donated by the patrons and friends of the school through the Alumni association.

Founder's day, 1898, also marks an epoch in the development of the school, for on this day there were formally established and dedicated (1) a laboratory of Physics by the Holt Family, and (2) a laboratory of Chemistry by the Magleby Family. The Beckstead Laboratory of Mechanics was dedicated on Founder's day, 1899, and the Hinckley Laboratory of Natural Science was dedicated on Founder's day, 1900.

By an action of the Church Board of Examiners, December 1, 1899, three institutions, viz., the Brigham Young Academy, the Brigham Young College, and the Latter-day Saints' College were declared, recognized, and sustained by the First Presidency as schools of secondary instruction. Each institution was empowered to maintain a high school, offering at its discretion a normal course, an academic course, and a business course, leading to certificates of graduation.

It was also provided that no institution should offer a degree short of four years' college or university work. The courses common to university instruction were distributed among the three institutions named, and to the Brigham Young Academy was given the following: Theology and English, the mechanical and engineering arts, including mechanical, civil, electrical, and mining engineering, and domestic arts, also general pedagogy, including normal training; said courses to lead to the degrees of Bachelor of Science and Bachelor of Pedagogy.

The Brigham Young Academy South American Expedition with President Benj. Cluff, Jr., in charge, started on its journey April 17, 1900, and returned to Provo, February 7, 1902. During the two years that President Cluff was away, the institu-

tion was under the supervision of Dr. Geo. H. Brimhall as Acting President.

On Feb. 17, 1902, the Gymnasium and Training School, a building erected at a cost of $35,000.00, was dedicated. The means for this structure was mainly the gift of public-spirited friends, chief of whom were Jesse Knight and David Evans. On the same date, President Cluff, having returned from South America, resumed his office as President of the institution.

No history of the school would be complete that did not recognize the energy of the students in advancing its interests. Through their efforts many volumes have been added to the library. The Student Body also took the initiative in the movement which led to the building of the Gymnasium, and at its completion furnished it with suitable equipment.

For a long time it had been felt that the character of the work of the institution entitled it to a more comprehensive name. This fact having been recognized by the Board, on Founder's day, 1903, the name was formally changed from the Brigham Young Academy to that of Brigham Young University.

On Dec. 22, 1903, President Benjamin Cluff, Jr., severed his connection with the institution, his resignation having been accepted a short time before. The management of the school then fell upon Dr. George H. Brimhall as Acting President until the close of that school year, when he was appointed President of the University.

On October 26, 1904, the Missionary and Preparatory building was dedicated, President Joseph F. Smith being mouth. The first two stories of this building were erected by donations from the Alpine, Nebo, Utah, and Watsach Stakes of Zion, and were set apart for the home of the Missionary Department and Preparatory school. The third story was fitted up for Domestic Science and Art work, Miss Emma Lucy Gates contributing nearly One Thousand Dollars, with a view of founding in the near future a Domestic Science department, bearing the name of her grandmother, Lucy B. Young. The cost of the entire structure was over $13,000.00.

During this same year, another building was erected at a cost of $2,500.00 for the home of the workers in iron. Ten forges in this building were donated by public spirited citizens.

The growth of the school during this year was marked also by the organizing of a school of Arts and Industries, an Iron Work department, and a Medical department.

During the year 1905-1906 there were established two scholarships for girls—the Maria Y. Dougall scholarship, and the Eliza Woollacott scholarship. Six lathes and one electric motor were contributed by patrons of the school. A department of Agriculture, offering regular courses was organized at the beginning of the year, and during the winter months a four-week course was given for farmers. A gas plant was installed for the supplying of the chemical laboratories and the Domestic Science department, and a laboratory was equipped for agricultural experiments.

During the year 1906-1907, the degree A. B. was substituted for the degree B.Pd. Two hundred eighty acres of land were purchased on the mountain side east, ten acres more were purchased on Temple Hill, and five hundred acres of excellent land situated on Provo bench were donated to the institution by the Knight family. Members of the Faculty and members of the Board of Trustees contributed $1,000 for the purchase of apparatus for the laboratory of Physics.

During 1908-9 the students, teachers, and patrons of the school contributed a fund of $2,025.70, with which cement walks were laid throughout the grounds. Another notable contribution by the students and teachers was one of $1,000, with which a small plot on the point of Temple hill was purchased, and donated to the institution. The dedication of Temple hill for educational purposes took place January 16, 1908, President Joseph F. Smith offering the dedicatory prayer. The purchase and fitting up of the Arts and Trades building, the establishment of a mid-winter night school, and the extension of University courses in Theology to adjoining cities, are other noteworthy events of the year.

ORGANIZATION.

The University is organized with a College covering three years, offering courses laeding to the degrees of Bachelor of Arts (A. B.) and of Bachelor of Science (B. S.); and with

the following Secondary Schools: 1. A Normal school, offering a regular four-year course and a one-year professional course for High school graduates. Connected with this is a Training school for the practical preparation of teachers, and a Kindergarten, including a Kindergarten training school. 2. A High school, offering two courses; viz., an English course and a Science course. 3. A Commercial school, covering from one to four years' work. 4. A Music school, offering four years' work in both vocal and instrumental music. 5. A school of Arts and Trades, offering five four-year courses. 6. A school of Agriculture, offering a two-year course and a four-year course. 7. A Preparatory school, offering two years' work, especially for young men and young women desirous of working up in the common branches.

The Student Body.—This is an organization effected by the students themselves. Aside from its general purpose as a voice medium of the student body in their relation to other schools, it is a powerful adjunct to the Domestic organization in maintaining proper order and decorum.

SCHOOL SOCIETIES.

POLYSOPHICAL SOCIETY.

For a number of years it has been the policy of the institution to offer to the students a series of lectures by distinguished men from abroad. The necessity for thus coming in contact with the larger life and thought of the world is apparent to all. To supply this need is the function of the Polysophical Society. Formerly its chief aim was to present miscellaneous programs by local talent. It has, however, gradually evolved into a lecture bureau for supplying the University with the best talent obtainable, not only from home, but also from abroad. The following lectures and recitals were given under its auspices during 1907-8:

1. George R. Dendling, October 12.
2. J. L. Zwickey, October 19.

3. Father Vaughan, November 5.
4. Starr Concert Company, November 11.
5. J. G. Camp, November 27.
7. Prof. Maynard L. Daggy, March 26.
8. Montaville Flowers, April 18.
9. Alfred Osmond, April 30.

MASTERBUILDER CLUB.

This organization has been established for the benefit of students having special talent in any phase of Fine and Applied Art. Students become life members on entrance and remain such as long as advancement is shown by them. During the year lectures on practical application, and other topics in connection with arts and trades will be given by members of the Faculty and recognized educators.

THE LITERARY SOCIETY.

This organization is primarily for the benefit of the classes in English, Elocution, and Literature, though membership is open to all students. The purpose is to cultivate the literary taste of its members, and to furnish opportunity for acquiring facility in public speaking. It is under the direct control of the department of English.

THE MUSIC SOCIETY.

This is a society of the students in music, the purpose of which is to study classic selections. The society meets weekly for an hour's recital by the instructors and leading students in music. Admission to these recitals is free. During the past year the programs have been largely attended by the music-loving people of Provo. Under the auspices of this society, concerts will be given on the second Wednesday evening of each month.

SCHOOL EQUIPMENT.

LABORATORIES.

The Holt Laboratory of Physics.—This laboratory was founded by the Holt family Oct. 16, 1898, and is supplied with apparatus for illustrating physical phenomena, and for determining the general laws of physics. The equipment for the department of Electrical Engineering includes experimental dynamos and motors, primary and secondary batteries, ammeters, galvanometers, volt-meters, resistance coils, and arc and incandescent lamps.

The Magleby Laboratory of Chemistry.—This laboratory was founded by the Magleby family Oct. 16, 1898. Ample facilities are here afforded for practical demonstrations of the theories taught in the class room. Apparatus has been provided for the elementary work, for qualitative and quantitative analysis—such as the technical examination and analysis of ores and minerals—and for special work in organic chemistry.

The Beckstead Laboratory of Mechanics.—This laboratory was founded by the Beckstead family, Oct. 16, 1899. It is at present supplied with tools and machinery for the simpler branches of woodwork. It has already become a popular workshop of students and promises great results in mechanical training.

The Hinckley Laboratory of Natural Science.—This laboratory was founded by the Hinckley family in 1900. It is equipped at present for work in elementary biological science.

The Agricultural Laboratory.—This laboratory is equipped with the necessary apparatus for the testing of soils and other experiments incident to the work in agriculture.

THE UNIVERSITY LIBRARY.

All the collections have been merged into one. It has not been deemed advisable to continue the separate libraries. There are 9,470 bound volumes and some 7,500 pamphlets.

Class organizations of the school have been the chief contributors in the past, the Class of '97 setting the pace. The subjects contributed have been as follows:

Philosophy, by the Class of '97—252 vols.
Theology, by the Class of '98—720 vols.
Literature, by the Class of '00—215 vols.
History, by the Class of '02—383 vols.
Science, by the Class of '03—452 vols.
Psychology and Pedagogy, by the Class of '04—200 vols.
American Antiquities, by the Class of '05—20 vols.
Economics and Sociology, by the Commercial School—30 vols.
Periodicals, by the High School '04—201 vols.

An event of great importance to the Library was the formal gift, on April 15, 1908, of the Maria Leland Library, by Mr. F. Warren Smith, of Los Gatos, California. This collection consists of 1,500 volumes on Physics, Chemistry and allied subjects, a collection worth upwards of $7,000.

New Classification of Books.

The University Library is being reclassified and re-catalogued, according to the Decimal system of notation, and the Dictionary Card Catalogue method of reference. Following is the basic outline for this classification:

000 stands for Bibliography, Cyclopaedias, etc.
100 stands for Philosophy.
200 stands for Religion.
300 stands for Social Science, Economics, Politics, etc.
400 stands for Language.
500 stands for Science.
600 stands for Useful Arts.
700 stands for Fine Arts.
800 stands for Literature.
900 stands for Travel, Biography, History.

For convenience these classes are usually referred to as *hundreds,* rather than as *units;* e.g., the 600's, meaning the useful Arts.

Each class may be divided and subdivided, each division be-

ing indicated by the addition of one or more figures. It is not usual to assign a number consisting of more than six figures.

All books bearing the same number are shelved together as far as practicable. The class number combined with another known as the author number (both together being spoken of as the call number) is written in the volume and on the catalog card, and thereby becomes a symbol by which one book is distinguished from another on the same shelf, and by which it may be located on the shelf when this call number is known.

Most of the newspapers of the state are sent to the University gratis, and are at the disposal of the students. The following magazines and journals are received by subscription:

American Historical Review, The
American Journal of Psychology, The
American Primary Teacher, The
American Review of Reviews, The
Atlantic Monthly, The
Better Fruit
Bulletin of the Geological Society of America
Century Magazine, The
Craftsman, The
Current Literature.
Dial, The
Economic Geology
Educational Foundations
Educational Review, The
Elementary School Teacher, The
Etude, The
Journal of American History, The
Journal of Geography, The
Journal of Geology, The
Journal of Philosophy, Psychology and Scientific Methods (donated by D. D. Houtz, Provo.)
Journal of Political Economy, The
Kindergarten Review, The
Literary Digest, The
Little Folks
Little Journeys (also a second complimentary copy.)
Mind and Body

Musical Courier, The
Nature Study Review, The
Normal Instructor, The
Our Lives
Outlook, The
Philistine, The
Psychological Bulletin, The
Psychological Review, The
Primary Education
Primary School, The
Public Libraries
Putnam's Monthly
Quarterly Journal of Economics, The
Scientific American, The
Success
Teacher's College Record, The
Teacher's Magazine, The

About fifteen agricultural journals and papers come in exchange for the Deseret Farmer, by the courtesy of Dr. J. A. Widtsoe of the Utah Agricultural College.

PRIZES IN PUBLIC SPEAKING.

There have been established at the University the following prizes for contests in public speaking:

1. **The Barton & Blake Gold Medal** for the best Washington's birthday oration. Awarded last year to Charles Schwenke.

2. **The Jex Gold Medal** for the best oration on any subject. (Contest not held before going to press.)

3. **The Kirkham Medals,** given to those students who make the debating team. Awarded last year to W. E. Morgan, Curtis Larson, J. Albert Ashman, and C. H. Carroll.

MUSEUM.

The Museum is rapidly becoming an important feature in the department of Natural Science. Among the notable exhibits is a collection of 1,200 birds from Mexico, Central America, and South America, made by the exploring expedition,

There are also collections in Mineralogy, Geology, and Physical Geography, which are constantly being increased. Friends, patrons, and students of the institution are respectfully invited to make such donations and contributions to this department as their kindness and ability will suggest. A record of such contributions will be kept in the archives of the University, and will be open for inspection at any time. In sending specimens state the name of the donor, the place where the specimen was found, and add such other facts as will be of interest to the student.

DOMESTIC ORGANIZATION.

The disciplinary part of the University is placed as much as possible in the hands of the students, with a view to developing in them the power of self-government. Obedience to the necessary rules and regulations is enjoined upon all, both in and out of school; but students are taught to yield obedience from a sense of honor. As soon as a student demonstrates his inability to govern and control himself, he is labored with by the domestic officers (leading students) and the faculty. If he persists in disobedience, and shows a lack of proper self-control, he is suspended or expelled at the discretion of the authorities.

The Domestic organization is the disciplinary part of the University in and out of school. A senior is appointed over each boarding place, whose duty it is to see that everything in that boarding place is in order; and should there be disorder and confusion, it is his duty to report immediately to the proper authorities. The duty of the domestic officers is to see that students are properly cared for, have proper facilities for study, and are pursuing with diligence and profit their respective studies; also that proper hours are kept, and no evil tolerated among the student body.

RULES OF DISCIPLINE.

It is assumed that students will conduct themselves, under all circumstances, as ladies and gentlemen, and that they have entered school for the sole purpose of getting an education.

Students are subject to the rules and regulations of the University both in and out of school.

1. In case of injudicious expenditure of means, any student may be called to account by the President.
2. The use of strong drink and tobacco is not permitted.
3. Students are not permitted to attend public parties, except by special request of parents or guardian.
4. Irregularity in habits, keeping late hours, having improper associates, or visiting places of questionable repute, will not be tolerated.
5. Students are expected to honor the authority of the seniors of their boarding places, as representatives of the faculty.
6. No student can honorably discontinue attendance, except at the close of a semester, without a release from the President.
7. Students will be held responsible for the cost of any damage done by them to the property of the institution.
8. Any disciplinary announcement made by the executive of the school becomes a part of these rules of discipline.
9. Violation of any of the rules of the University lays the offender liable to suspension or expulsion.

FEES AND EXPENSES.

To students entering the College from the University secondary schools, the only charge will be an annual expense fee of $5.00, a library fee of $1.00, and a medical examination fee of 50 cents. To others, there will be an additional charge during the first year of $20.00 for a life membership certificate.

A life membership certificate to any of the secondary schools, except the Commercial school, costs $20.00 This entitles the student to as many years' instruction as he desires with no other cost than an anual expense fee of $5.00, a library fee of $1.00 and a medical examination fee of 50 cents. Students not taking out life membership certificates will be charged at the rate of $6.00 a semester for each five hour course, or $1.25 per week for a full course.

Students may enter the Commercial school by paying an annual expense fee of $30.00, a library fee of $1.00 and a medical examination fee of 50 cents; or students may obtain life membership certificates to the Commercial school by paying $30.00, and the only additional charges will be an annual expense fee of $15.00, a library fee of $1.00 and a medical examination fee of 50 cents.

Entrance to the Preparatory school requires an annual expense fee of $15.00, or $10.00 a semester, a library fee of $1.00 and a medical examination fee of 50 cents.

Pupils entering the Training school will be charged an annual fee of $2.00, and a medical examination fee of 50 cents.

Fees for Special Courses:

General Nursing, $25.00 per year; Relief Society Club rates, $10.00.

Bookkeeping, $12.00 a semester.

Shorthand, $10.00 a semester.

Typewriting, $10.00 a semester.

Shorthand and Typewriting, $15.00 a semester. (Regular students from other divisions of the University may take these courses at half price, except Nursing, for which a fee of $5.00 will be charged.

Laboratory Fees for each semester:

General Chemistry, $3.00.
Organic Chemistry, $5.00.
Quantitative Analysis, $4.00.
Qualitative Analysis, $5.00.
Assaying, $5.00.
Physics, $2.00.
Mineralogy, $2.00.
Economic Geology, $2.00.
Woodwork, $3.50.
Iron Work, $5.00.
Botany, $2.00.
Zoology, $2.00.
Physiology, $1.00.
Physiography, $1.00.
Plant Physiology, $2.00.

Field Botany, $1.00.
Zoological Collection and Taxidermy, $2.00.
Studio Work, $1.00.
Design, $1.00.
Drawing, 50 cents.
Dressmaking, 50 cents.
Domestic Art, 50 cents.
Domestic Science, $2.50.
Normal Manual Training, $1.00.
Gymnasium, $1.00.
Sign Painting, $1.00.
Fine Art, $2.00.

Graduation Fees:

Special Certificates, $2.50.
Diplomas, $5.00.
Degrees, $10.00.

The College.

In the college two general courses are offered. The Arts and Science course leading to the A. B. degree, and the Applied Science course, leading to the B.S. degree. In the Arts and Science course, the culture side of education is emphasized. The student may choose a major subject from one of the following departments: English, Foreign Languages, Mathematics, Natural Science, Chemistry, Physics, History and Social Science, and Education. In the Applied Science course the practical side of education is uppermost. In this course two majors are offered, Civil Engineering and Agriculture.

ADMISSION.

Students are either regular or special. To become a regular student, the candidate must have completed the four-year High school course, or its equivalent, or he must pass examination in a sufficient number of the entrance subjects outlined below to make 120 units of credit.

2. Candidates who are at least 18 years of age, and who show ability to pursue special work, are admitted as special students on recommendation of the professor of a department. Any special student may be enrolled as a regular student on fulfillment of the prerequisites for admission.

OUTLINE OF ENTRANCE SUBJECTS.

1. **English Grammar.**—Any good text book of high school grade. **(5 credits.)**

2. **Rhetoric.**—The ability to write a short composition practically free from mistakes in spelling, punctuation, sentence

structure, and paragraphing; and a knowledge of the subject matter in Genung's "Outlines," or an equivalent. **(10 credits.)**

3. **English Literature.**—Familiarity with five English or five American classics, including their historical setting, according to Halleck's "English Literature," or an equivalent. **(5 credits.)**

4. **Algebra.**—Work equivalent to that covered by Taylor's "Elements of Algebra," to and including quadratic equations will be required. **(10 credits.)**

5. **Plane Geometry.**—Applicant must be able to prove the ordinary proportions of plane geometry and show ability to work practical problems. Wells' "Essentials of Plane Geometry." **(5 credits.)**

6. **Solid Geometry.**—Phillips and Fisher's "Geometry of Space" will give an idea of what is required. **(3 credits.)**

7. **Higher Algebra.**—Work equivalent to that covered by Taylor's "Elements of Algebra," from quadratic equations on. **(4 credits.)**

8. **Trigonometry.**—Phillips and Strong's "Elements of Trigonometry," covers what is required. **(3 credits.)**

9. **Mineralogy.**—Dana's "Minerals and How to Study Them," or an equivalent. Applicant must also present first-hand notes of his determinations of ten minerals. **(3 credits.)**

10. **Physics.**—Any good text book of high school grade. Also present records of laboratory work. **(5 credits.)**

11. **Chemistry.**—Remsen's "General Chemistry," (Briefer Course), or an equivalent. Candidates must in addition present notes of their experiments. **(5 credits.)**

12. **Geology.**—Brigham's "Text Book of Geology," or its equivalent. **(5 credits.)**

13. **Botany.**—A general knowledge of the essential facts of vegetable morphology and physiology and an acquaintance with the characteristics of the principal orders of plants. Bergen's "Foundations of Botany," or an equivalent. **(5 credits.)**

14. **Zoology.**—Kingsley's "Comparative Zoology," or an equivalent. **(5 credits.)**

15. **Biology.**—Study and laboratory work two hours a week throughout the year, or five hours for one semester. Present notes or records. **(5 credits.)**

16. **Physiology.**—The equivalent of "Martin's Human Body." In addition present notes of experiments and observations with the microscope. **(5 credits.)**

17. **Physiography.**—Davis' "Physical Geography," or an equivalent. Also submit original note-book as record of observations made by the applicant. **(5 credits.)**

18. **Astronomy.**—Young's "Manual of Astronomy," or an equivalent. **(5 credits.)**

19. **Psychology.**—Halleck's "Psychology and Psychic Culture," or an equivalent. **(5 credits.)**

20. **Pedagogy.**—History of the growth of educational systems, modern educational ideals, and their practical application. The pedagogy and psychology of the public school curriculum. School management, plans and programs of study. Seeley's "History of Education," White's "School Management," Hughe's "Mistakes in Teaching," are recommended. **(10 credits.)**

21. **Training.**—Practical experience in teaching in all the grades under the supervision of a trainer. Four hours a week throughout the year. **(8 credits.)**

22. **Freehand Drawing.**—Familiarity with the technical principles of drawing. Ability to draw from nature the corner

of a room, or simple objects in a room. Visual sensitiveness to curves and proportions. Translation of colors into light and shade. **(4 credits.)**

23. Mechanical Drawing.—Practice on line-work, lettering, tool and machine drawing, and tracing. Present some work done, duly certified by teacher. **(4 credits.)**

24. American History.—Channing's "Student History of the United States," McLaughlin's "History of the American Nation," or equivalents. **(6 credits.)**

25. Mediaeval and Modern History.—Robinson's "History of Western Europe," Meyer's "Mediaeval and Modern History," or equivalents. **(5 credits.)**

26. Ancient History.—Meyer's or West's "Ancient History," or equivalents. **(5 credits.)**

27. English History.—Coman and Kendall's "History of England," or an equivalent. Note books must be presented in all history subjects. **(5 credits.)**

28. German.—(a) Elementary. A one year's course four times a week. Any good first year high school grammar. Ability to decline and conjugate correctly, also to read easy prose. Three hundred pages of reading required. **(8 credits.)**

(b) Intermediate. A year's course the same as (a). Composition and sentence structure. Ability to translate easy prose at sight. A knowledge of the tenses and moods. Six hundred pages of reading required. **(8 credits.)**

29. French.—(a) Elementary. Work in French equivalent to the requirements in German. **(8 credits.)**

(b) Advanced. A thorough knowledge of modern French syntax. Six hundred pages of reading required. **(8 credits.)**

30. Spanish.—(a) Elementary Loiseaux's Spanish gram-

mar, or equivalent. Reading of three hundred pages of text in addition to the grammar. **(8 credits.)**

(b) Intermediate. Study of Spanish classics. Six hundred pages of reading required. **(8 credits.)**

31. Latin.—(a) Elementary. Bennett's "Latin Lessons," or some equivalent. **(10 credits.)**

(b) Intermediate. Four books of Caesar's Gallic War. **(10 credits.)**

32. Woodwork.—Four hours a week practice throughout the year. Sickel's "Exercises in Woodmaking" is recommended. **(4 credits.)**

33. Domestic Art.—Work equivalent to that of courses A and B in the School of Arts and Trades. **(4 credits.)**

34. Domestic Science.—Work equivalent to that of courses A and B in the School of Arts and Trades. **(4 credits.)**

GRADUATION.

Students who have successfully completed the courses prescribed for graduation will, upon recomendation of the President and two-thirds of the members of the College Faculty, receive from the Board of Trustees the degree to which their course leads. Candidates must show ability to conduct independent investigation; to which end a thesis of not fewer than three thousand words, on a subject chosen from their major course must be written and approved by the students' major professor. Theology is a required study during each semester of attendance.

In either course 140 hours credit are required for graduation. At least 25 hours of these must be presented from the student's major subject and 10 hours from his minor subject. The candidate must further fulfill the requirements of the major professor in each department as to collateral work and the order of the courses taken in the department.

DEPARTMENT OF THEOLOGY.

President Brimhall.
Professor Keeler.
Professor Nelson.
Professor Osmond.

1. **Philosophy and the Gospel.**—The history of philosophy is traced in outline. A comparative study of natural and revealed religion. Under the subject of revealed religion the following are some of the fundamental problems discussed: Free Agency, Personal Liberty and Social Restraint, Conditions of Happiness, and the Agencies of Redemption. Three hours, first semester.

2. **Philosophy and the Gospel.**—Continuation of course 1 Three hours, second semester.

3. **Church Government.**—This subject will be treated under the following topics: Sovereignty, government; kinds of government; church and kingdom of God; stake and ward divisions; source of authority; powers of government; the Holy Priesthood; appointments or nominations; the ranking of office. Three hours, first semester.

4. **Church Government.**—Continuation of 3 under the following topics: Election of the First Presidency; election of President Joseph Smith and counselors, Brigham Young, John Taylor, Wilford Woodruff, Lorenzo Snow, and Joseph F. Smith; council of quorum of the First Presidency; the Twelve Apostles; the Seventy; the presiding Patriarch; the presiding Bishopric; courts and councils of justice—(a) the ward bishop's court, (b) the stake high council, (c) the presiding bishop's court, (d) high council of High Priests abroad, (e) traveling high council of the Twelve Apostles, and (f) the council of the First Presidency; stake councils, quorums, and conferences; and the auxiliary organizations. Three hours, second semester.

5. **Seminary Work.**—Three hours, first semester.

6. **Seminary Work.**—Three hours, second semester.

DEPARTMENT OF ENGLISH.

Professor Osmond.
Professor Nelson.
Associate Professor Cluff.
Assistant Professor Reynolds.

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1. **Advanced Rhetoric.**—This course is the same as English g of the High School, and is here offered for students who have not taken the higher work in rhetoric. The course deals with the principles of invention, narration, description, exposition and argumentation. Special attention is given to oral and written composition. Three hours, two hours college credit) first semester.

2. Continuation of course 1. Three hours, second semester.

3. **History of English Literature.**—This course is the same as English e of the High school, and is here offered for College students who have not taken it in that department. Lectures and prescribed reading. Three hours (two hours college credit) first semester.

4. **English Literature.**—Continuation of course 3. Three hours, second semester.

5. **Public Speaking.**—This course aims at the training of students in all forms of public speaking, special attention being given to debating and oratory. Three hours, first semester.

6. Continuation of course 5. Three hours, second semester.

7. English Literature from Wordsworth to Tennyson.—Intensive studies in Wordsworth, Coleridge, Byron, Shelley and others. Lectures, prescribed reading, and weekly papers. Three hours, first semester.

8. English Literature.—Continuation of English 7. Three hours, second semester.

9. Milton.—Milton's minor poems and several books of Paradise Lost are carefully studied. English 1 and 2 required. Two hours first semester.

10. Bacon.—A study of Bacon's Essays. English 1 and 2 required. Two hours, second semester.

11. Shakespeare.—In this course five or six of the great plays of Shakespeare are read in class. Special attention is given to the interpretation of difficult passages. While the primary purpose of the course is to make the student familiar with Shakespeare, it is believed that a compliance with its prescribed requirements involves the ability to understand and appreciate Elizabethan literature in general. The course is so arranged that it may be taken in two successive years. Requirements, English 1 and 2. Three hours, first and second semesters.

12. Shakespeare.—Continuation of course 11. Three hours, second semester.

13. Shakespeare.—Continuation of 12. Three hours, first semester.

14. Shakespeare.—Continuation of 13. Three hours, second semester.

15. Chaucer.—In this course many of the Canterbury Tales are read in class. The student is carefully drilled in Chaucer's pronounciation, and special attention is given to the interpretation of the text. Requirements, English 1 and 2. Two hours, first semester.

16. **Chaucer.**—Continuation of course 15. Two hours, second semester.

17. **Rhetoric and Composition.**—This course is required of students who elect their major in the English department, and is recommended to all College students who are doing special work in English. English 1 and 2 are required. Two hours, first semester.

18. Continuation of English 17. Two hours, second semester.

19. **English Literature.**—The history and development of the English novel. Two hours, first semester.

20. **English Literature.**—Continuation of English 19. Two hours, second semester.

DEPARTMENT OF MATHEMATICS.

Professor Ward.
Professor Jarvis.

1. **Trigonometry.**—Three hours, first semester.

2. **Analytic Geometry.**—Five hours, second semester.

3. **Calculus.**—Five hours throughout the year.

4. **Differential Equations.**—Three hours, first or second semester.

5. **Solid Analytic Geometry.**—Three hours, first or second semester.

6. **Projective Geometry.**—Five hours, first or second semester.

7. **Quaturnians.**—Two hours, first or second semester

8. Advanced Algebra.—Four hours, first or second semester.

9. Theory of Functions.—Five hours, first or second semester.

10. Theoretic Mechanics.—Three hours throughout the year.

DEPARTMENT OF FOREIGN LANGUAGES.

Professor Barker.
Professor Andelin.

GERMAN.

1. German Composition.—Drill in writing stories, anecdotes, etc., from memory. Reading of texts from Baumbach, Seidel, and Helene Stoekl. The object in these courses in German is to make the students familiar with the spirit and genius of the language. Five hours, first semester.

2. German Composition.—Composition work continued Reading and translation of German classics. Five hours, second semester.

3. German Literature.—Bernhardt's "Litteratus Geschichte," studied in conncetion with reading masterpieces of principal authors. Comparison of style and diction. Five hours, first semester.

4. German Classics.—Reading of Goethe's Meisterwerke. Original composition and critical grammar. Five hours, second semester.

FRENCH.

Prerequisite: Sixteen hours, or two years, High School French.

1.—Four hours, first semester.
2.—Four hours, second semester.
3.—Four hours, first semester.
4.—Four hours, second semester.

LATIN.

Prerequisite: Sixteen hours, or two years high school Latin.

1.—Four hours, first semester.
2.—Four hours, second semester.
3.—Four hours, first semester.
4.—Four hours, second semester.

DEPARTMENT OF BIOLOGY.

Professor Chamberlin.
Assistant Professor Van Buren.

1. **General Course.**—A broad survey of the general morphology, physiology, development, and ecological relations of animals, designed as a foundation in the principles and methods of zoology. Special attention to local forms and problems. Two lectures and one afternoon in laboratory or field, throughout the year. Three hours, first semester.

1a. **General Course.**—Continuation of 1. Same requirements. Three hours, second semester.

2. **Vertebrate Zoology.**—Laboratory work with lectures and study of texts, monographs, and special papers on the problems of vertebrate organization and classification. Both living and fossil forms receive attention. One lecture and two afternoons in the laboratory throughout the year. Three hours credit. (Not to be given 1908-09.)

3. **Animal Histology.**—(a) Histology and Microscopy. The theory and manipulation of the microscope and its accessories. Histological methods; cell formation and differentiation; funda-

mental tissues. (b) Organology. Systematic study of the organs with reference to the nature, forms, and arrangement of the constituent tissues. Two lectures and three laboratory periods, first semester. Five hours credit.

4. Vertebrate Embryology.—Germ-cells, ogenesis and spermatogenesis, fertilization, types of cleavage and gastrulation. Development of chick to end of fourth day, followed by a systematic study of mammalian embryology, based upon the pig. Two lectures and three laboratory periods, second semester. Five hours credit.

5. Entomology.—(a) General insect morphology. First semester. (b) General classification of insects with practice in methods of collection and preservation and consideration of economic relations. Three hours, second semester.

6. Human Physiology.—A general course dealing with the fundamental facts and principles of human physiology, development and hygiene. So far as possible the work is based upon laboratory experimentation and observation. Three hours per week throughout the year. (Not to be given 1908-9.)

BOTANY.

1. General Course.—A preliminary discussion of plant cytology and physiology, followed by the study in laboratory and class of a series of plants from the principal natural groups from lowest to highest. Three hours, first semester.

1a. General Course.—Continuation of 1. Three hours, second semester.

2. Plant Histology.—A comparative study of tissues and tissue systems with training in histological technique. Three hours per week, first semester.

3. Plant Physiology.—Laboratory and class work upon the physiology of plants. Three hours per week, second semester.

4. Plant Taxonomy.—Laboratory and field work upon the morphology and systematic relations of local flowering plants. Hours and credit arranged with the professor.

DEPARTMENT OF GEOLOGICAL SCIENCE.

Professor Hinckley.
Professor Jarvis.

PHYSIOGRAPHY AND GEOLOGY.

1. **Advanced Physiography.**—This course is especially arranged for students who are preparing to teach in high schools. The essential feature will be the laboratory and field work. Three recitations and two laboratory periods. Five hours, first semester.

2. **Dynamical and Structural Geology.**—In this course special attention is given to the dynamic forces in constant operation changing the surface features of the earth, and to the structural features of the earth. Required of civil engineering students. Three hours, first semester.

3. **Historical Geology.**—This course deals with the history of the earth as determined by the biological development of fossils. Three hours, second semester.

4. **Economic Geology.**—This course deals especially with metalliferous deposits. Five hours, second semester.

5. **Mineralogy.**—General course in determinative Mineralogy. Three hours, first semester.

6. **Lithology.**—A study of common rocks. Three hours, second semester.

ASTRONOMY.

1. **General Astronomy.**—This course will be a discussion of the general truths of astronomy with simple demonstrations. Occasional experiments will be performed by the students. Requirements: (1) High school Physics. (2) Geometry and Trigonometry. Young's "Manual of Astronomy." Two hours, first semester.

2. General Astronomy.—A continuation of course 1. In addition the students will be expected to locate and map out the principal constellations of stars seen in the northern heavens. Course 1 required. Two hours, second semester.

DEPARTMENT OF CHEMISTRY.

Professor Maw.

1. Qualitative Analysis.—Chiefly laboratory work. The purpose of this course is to train the student to do intelligent analytical work, and to enable him to analyze any mixture containing common inorganic compounds. Medicus' "Qualitative Analysis" will be used. Five hours, first or second semester.

2. Quantitative Analysis.—Training in manipulation in gravi-metric and volumetric methods. Talbot's "Quantitative Analysis." Five hours, first or second semester.

3. Mineral Analysis.—Systematic analysis of representative minerals. Frenius' "Quantitative Analysis," and Cairns' "Quantitative Analysis" will be used as references. Five hours, first or second semester.

4. Wet Assaying.—It is the aim of the course to give a thorough training in practical methods of wet assaying. A large number of checked samples will be analyzed. Furman's "Practical Assaying." Four hours, first or second semester.

5. Assaying.—Open to students who have completed course 2. Three hours, second semester.

6. Organic Chemistry.—Lectures and recitations three hours a week; laboratory work, six hours a week. The course will take up thoroughly the simpler organic compounds, investigating the chemical behavior, the characteristic reactions and relationship of the different classes of organic compounds. The laboratory work consists in the preparation of the typical carbon compounds. This course will be given if a sufficient number of students apply. Three hours, first semester.

7. Continuation of Chemistry 6. Three hours, second semester.

DEPARTMENT OF PHYSICS.

Professor Snow.

Courses 1, 2, 3 and 4 may be taken in any order. The requirements for each course are the same, namely, Trigonometry and High School Physics.

1. **Experimental Mechanics and Sound.**—The laboratory work will consist of accurate measurements of lengths with the micrometer microscope and the cathetometer, optical methods of measuring angles, measurements of the value of gravity with the coincidence pendulum, measurements in elasticity, fluid pressure, capillarity, velocity of sound, frequency of tuning forks, laws of vibration of strings, graphic analysis of sound waves, etc. Two lectures and three consecutive hours in the laboratory per week. Three hours credit. First semester.

2. **Heat.**—The laws of Thermodynamics, and their application to the behavior of gases, osmotic pressure of solutions, electrolytic cells, kinetic theory of matter, etc. The laboratory work will consist in measurements of specific heats, co-efficients of expansion, heats of fusion and vaporization, etc. Two lectures and three consecutive hours in laboratory per week. Three hours credit. Second semester.

3. **Light.**—Interference and diffraction of light, double refraction, polarization, relations between light and magnetism. The laboratory work will consist of Young's and Freshnel's. Interference experiments, measurement of wave length, with the diffraction grating, spectroscopic analysis, interferometer methods of measuring distances, wave lengths, indices of refraction, etc., and making analysis of bright lines, experiments in double refraction, plane, circular and elliptic polarization, natural and magnetic rotation, etc. Preston's "Theory of Light" will be used as a text the greater part of the time. Two lectures and

two three-hour laboratory periods throughout the year. Four hours, first semester.

3a. Light.—Continuation of 1. Four hours, second semester.

4. Electricity and Magnetism.—An introduction to electrical enginereing. The lectures will deal with the principles of electricity and magnetism as far as the mathematical limitations of the students will permit. The purpose of this course is mainly to give the student a laboratory acquaintance with electrical phenomena, and thoroughly to ground him in the principles and methods of electrical measurements. The laboratory work will consist of measurements in drop of potential, use of potentiometer, adjustment and use of sensitive galvanometers, calibration of ammeters and voltmeters, accurate measurements of resistances by the use of the Carey-Foster bridge, temperature co-efficient of coils, measurement of the earth's magnetic field, magnetometer and ballistic measurements, determination of magnetic hysteresis, the relative and absolute measurement of capacities, coefficients of induction and work with quadrant and attracted disc electrometers. Three lectures a week, and two three-hour laboratory periods throughout the year. Ten hours credit.

4a. Electricity and Magnetism.—Continuation of 4. Five hours, second semester.

5. Advanced Course in Electricity.—Theory of the potential function, electrostatics, electromagnetism and electrodynamics. Requirements: Integral Calculus. Three hours a week throughout the year. Five hours, first semester.

5a. Advanced Course in Electricity.—Continuation of 5. Five hours, second semester.

6. Introduction to Mathematical Physics.—The mathematical treatment of vibrations, temperature, potential and conduction problems by means of Fourrier's Series and Harmonic Analysis. Lectures, problems and written exercises. Requirements, Calculus. Three hours a week throughout the year. Ten hours credit.

DEPARTMENT OF HISTORY AND SOCIAL SCIENCE.

Professor Swenson.
Associate Professor Kirkham.

HISTORY.

1. **The French Revolution.**—A study of the causes, and the constitutional and social experiments. Five hours, first semester.

2. **United States History.**—The period from 1817-1860. This course considers the "Rise of the New West," the economic, political, and moral phases of slavery, and the constitutional questions arising therefrom. Five hours, first semester. (Not to be given in 1908-9.

3. **Civil War and Reconstruction.**—A study of the readjustment of the nation to its equlibrium after the Civil War. Alternated with History 2. Five hours, second semester.

4. **Corporate Industry.**—A study of the history, organization and economic functions of corporations with emphasis upon their relation to our present social order and the problems they present. Four hours, first semester. (Not given in 1908.)

5. **Economic History of the United States.**—Traces the economic development of the United States through the colonial era, and the period of the industrial revolution and westward movement, and emphasis economic integration and industral organization. Alternates with History 4. Four hours, first semester.

ECONOMICS.

1. **Theory.**—A study of the underlying principles governing the production, exchange, distribution, and consumption of wealth. Five hours, first semester.

2. **Money and Banking.**—A study of the principles of money and banking, the exemplification of those principles in the monetary and banking history of the United States, and the study of the present day currency and banking problems in the United States. White's "Money and Banking." Two hours, second semester.

3. **American Railway Transportation.**—Considers the development of the American railroad, from the standpoints of history, charter privileges, capital, service, passenger, freight, express, and mail; relation to the public, and relation to the state. Five hours, second semester.

SOCIOLOGY.

1. **Elementary Sociology.**—Deals with the origin, natural history, and anatomy of a society. Three hours, first semester.

2. **Elementary Sociology.**—Social psychology and pathology. Topics and assigned reading. Small and Vincent's "Introduction to the Study of Sociology." Three hours, second semester.

DEPARTMENT OF EDUCATION.

President Brimhall.
Professor Brown.
Professor Larson.

PEDAGOGICS.

1. **History of Pedagogy.**—Lectures and reading of pedagogical literature. Brief outline of education among oriental nations. Principles of pedagogy down to the Reformation. Text books: Compayre's "History of Pedagogy." Students are required to prepare and present four essays on special topics. Requirements, History **c** and **d**. (See High school.) Three hours, first semester.

2. **History of Pedagogy.**—Taking up in detail the theories and practices from the Reformation down to the present time. Educational systems of France, Germany, England, United States, and Utah. Each student will be required to write and deliver a lecture on some leading topic of this course. Requirements, Pedagogics 1. Three hours, second semester.

3. **Philosophy and Education.**—This is an advanced course in Pedagogics. Designed for those who are pursuing special studies in education. Lectures, supplemented by reading Rosenkranz, Tate, and Spencer. Two hours, first semester.

4. **Philosophy of Education.**—Continuation of 3. Lectures, discussions, and essays. Texts: Herbert's "Science of Education," Hinsdale's "Art of Study." Lessons from Kellogg's "Educational Foundations." Two hours, second semester.

5. **School Supervision.**—The art of grading and arranging courses of study. Examination of teachers. Teachers' institutes. Educational economy. School laws. Lectures, discussions, and essays, supplemented with readings from reports of the Educational Bureau, the N. E. A., and current magazines. Four hours, first and second semesters.

6. **Advanced Training.**—This course is to prepare principals and high school teachers. Educational value of subjects of high school grade. Examination of text books. Psychological study of students by observation and comparison. Special practice work in related subjects. Four hours, first and second semesters.

DEPARTMENT OF PHILOSOPHY.

Professor Nelson.
Professor Joseph Peterson.

HISTORY OF PHILOSOPHY.

1. **Early Greek Thinkers.**—After a brief resume of oriental philosophy, the course will take up the beginnings of philosophy

in Greece, closing with Plato and Aristotle. Text: Roger's "Student's History of Philosophy." Two hours, first semester.

2. **Medieval Thinkers.**—Beginning with a consideration of the Stoic and Epicurean Systems of thought the course will take up in turn the Neo-Platonism of Alexandria, and the successive phases of early Christian philosophy, closing with the period which marks the rehabilitation of Aristotelian doctrines. Same text as above. Two hours, second semester.

3. **The Dawn of Modern Philosophy.**—This course begins with considerations of the factors causing a break between philosophy and theology, and traces the modification of philosophic ideas down to, and including Francis Bacon and John Locke. Same text as above. Two hours, first semester.

4. **Idealism, Positivism, and Evolution.**—This course gives attention to Kant and the German Idealists, takes up the views of Compte, and closes with a consideration of Herbert Spencer and the evolutionary school. Same text as above. Two hours, second semester.

ETHICS.

1. An analysis of the moral consciousness and a study of its development. Following are some of the subjects to be considered: The nature and development of conscience; motives, hedonism, the highest good, free will and determinism. Lectures, discussions, and papers. Text: Dewey and Tuft's "Ethics." (In press.) Four hours, first semester.

PSYCHOLOGY.

The point of view taken in all the courses in psychology is essentially functional and biological. Students doing work in this department are therefore advised to ground themselves as well as possible in general biology.

1. **General Psychology.**—This course covers in a general way the whole field of normal human psychology. A brief in-

troductory study of the central nervous system will be made. Lectures, experiments, and reports on supplementary readings. Each student will be required to write four or five papers on special topics. Text, Angell's "Psychology." Open to students of college grade only. Four hours, first semester.

2. **Genetic Psychology.**—A general study of the genesis, development and meaning of mental functions, with applications to their educational and sociological bearings. In the early part of the course, a somewhat careful study is made of biological theories and principles of development. The origin and functions in society of the genius receive special notice. Practical observations and studies of children's interests and meanings are made. Prerequisite, Course 1. Four hours, second semester.

3. **Advanced Psychology.**—A more technical consideration of such special topics as volition, habit, attention, the development of meanings, etc. Prerequisite, course 1. Three hours, second semester.

DEPARTMENT OF FINE ART.

Professor Eastmond.
Assistant Professor Aretta Young.
Instructor Barrett.

PICTORIAL ART.

1. **Cast and Life Drawing.**—Application of the principles of composition, line, contrast, light and dark, light and shade, etc. Study of texture rendering, mediums, etc. Two hours, first and second semesters.

2. **Illustration and Composition.**—Study of reproduction processes, mediums, etc. Two hours, second semester.

3. **Painting in Various Mediums.**—Portraiture, landscape, and figure painting. General harmony. Two hours, first semester.

4. Classic Painting and Illustration.—Processes of transferring from drawings and objective studies to the canvas. Pictorial painting applied to decoration. Two hours, second semester.

COURSES IN APPLIED SCIENCE.

CIVIL ENGINEERING.

Requirements for Admission.—Completion of the subjects as outlined for the first three years of the High school course in the catalogue, or completion of equivalent work accepted by the committee on entrance, will be required for admission into the Civil Engineering department.

The aim is to give a general training which may serve as a foundation for later practice and specializing in any one of the branches included under the general term, Civil Engineering. Instruction will be given in the fundamental sciences and principles of railway, municipal, hydraulic, irrigation, and structural engineering, and much stress will be laid on the actual practice in these branches.

CIVIL ENGINEERING COURSE.

Freshman.

First Semester.		Second Semester.	
Theology g (ChurchHistory)	3	Theology h (Church History)	3
English 1 (Advanced Rhetoric)	2	English 2 (Advanced Rhetoric)	2
Trigonometry a (Plane and Spherical)	2	Mathematics 2 (Analytic Geometry)	5
Draughting a and b (Mechanical Drawing)	2	Draughting 1 (Descriptive Geometry)	4
Surveying 1 (Elementary Surveying	5	Surveying 2 (Plane Surveying)	3
Chemistry a (General Chemistry)	3	Chemistry b (General Chemistry	3
Woodwork a and b	3		
	20		20

Sophomore.

First Semester.		Second Semester.	
Theology 1 (Philosophy and the Gospel)	3	Theology 2 (Philosophy and the Gospel)	3
Mathematics 3 (Differential Calculus)	5	Mathematics 4 (Integral Calculus)	5
Draughting 4 (Machine Design)	1	Draughting 5 (Machine Design)	1
Surveying 3 (Topographic Surveying)	3	Surveying 4 (Railroad Surveying)	3
Civil Engineering 1 (Elementary Construction)	3	Physics 3 (General Physics)	3
Physics 1 (General Physics)	3	Iron Work 2 (Blacksmithing)	2
Iron Work 1 (Blacksmithing)	2	Astronomy 3 (Practical Astronomy)	3
	20		20

Junior.

First Semester.		Second Semester.	
Theology 3 (Church Gov't)	3	Theology 4 (Church Gov't)	3
Civil Engineering 2 (Municipal Engineering)	2	Civil Engineering 3 (Municipal Engineering)	2
Civil Engineering 5 (Mechanics of Engineering)	4	Civil Engineering 4 (Railroad Engineering)	2
Draughting 6 (Stereotomy)	2	Civil Engineering 6 (Mechanics of Enginereing)	4
Civil Engineering 7 (Roofs and Bridges)	4	Civil Engineering 8 (Graphic Statics)	4
Mathematics 7 (Differential Equations)	3	Civil Engineering 9 Hydraulics)	3
Civil Engineering 10 (Materials of Construction)	1	Civil Engineering 11 (Testing Laboratory)	1
	19		19

Senior.

First Semester.		Second Semester.	
Theology 5 (Seminary)	3	Theology 6 (Seminary)	3
Surveying 5 (Geodetic Surveying)	3	Civil Engineering 13 (Higher Structures	3
Civil Engineering 12 (Bridge Design)	3	Civil Engineering 17 (Advanced Construction	2
Civil Engineering 14 (Masonry Structures)	3	Civil Engineering 18 (Irrigation Engineering)	3
Civil Engineering 15 (Steam and Gas Engines)	3	Civil Engineering 19 (Specifications and Contracts)	1
Elective	3	Civil Engineering 20 (Thesis)	2
	18	Elective	4
			18

CIVIL ENGINEERING COURSES IN DETAIL.

Professor Jarvis.
Professor Ward.
Instructor Laney.
Instructor Anderson.

1. **Elementary Construction.**—Roads and pavements. Methods and elementary principles of engineering construction. Three hours, first semester.

2. **Municipal Engineering.**—Water supply and sewerage. Two hours, first semester.

3. **Municipal Engineering.**—Grading, drainage, and sanitation of cities. General municipal engineering construction. Two hours, second semester.

4. **Railroad Engineering.**—Cost estimates; economics of construction and maintenance. Railroad structures. Two hours, second semester.

5. **Mechanics of Engineering.**—Statics, dynamics, and strength of materials used in engineering construction. Four hours, first semester.

6. **Mechanics of Engineering.**—Columns, shafts, resilience, and the elactic curve. Four hours, second semester.

7. **Roofs and Bridges.**—Principles governing the choice of trusses for framed structures. Stresses in simple trusses. Four hours, first semester.

8. **Graphic Statics.**—Graphic analysis of stresses in framed structures. Four hours, second semester.

9. **Hydraulics.**—Hydrostatics and Hydrodynamics. Pipe systems, conduits, and measuring devices. Three hours, second semester.

10. **Materials of Construction.**—Study of the processes used in the preparation of the common materials of construction. One hour, first semester.

11. **Testing Laboratory.**—Inspection and testing of materials used in construction. One hour, second semester.

12. **Bridge Design.**—Design of highway and railway bridges. Three hours, first semester.

13. **Higher Structures.**—Suspension, cantilever, swing, and arch bridges. Three hours, second semester.

14. **Masonry Structures.**—Theory and design of masonry structure. Three hours, first semester.

15. **Steam and Gas Engines.**—The elementary principles governing the adjustment and operation of engines. Three hours, first semester.

16. **Pumping Machinery.**—A study of the principal types of pumps. Installation and operation. Two hours, second semester.

17. **Advanced Construction.**—Foundations, retaining walls, and tunnels. Reinforced concrete construction. Two hours, second semester.

18. **Irrigation Engineering.**—Development of irrigation. Construction of irrigation systems. Three hours, second semester.

19. **Specifications and Contracts.**—Rights and privileges of employers and contractors. One hour, second semester.

20. **Thesis.**—An investigation of some engineering problem, followed by a complete discussion or design. Two hours, second semester.

WOODWORK.

1. **Advanced Woodwork.**—Harmony and proportion, plain stair-building, and a general line of practical exercises with instruction in the construction and finishing of high-grade cabinet work. Eight hours practice each week required. Credit and hours arranged with instructor. Course **c** of the High school required. First and second semesters.

2. **Advanced Woodwork.**—Theory of building from drawings with practical illustration in roof-building, in plain and complicated forms, and a general line of carpenter work. Eight hours practice each week required. Hours of credit and work arranged with instructor. Required, Architectural Drawing before completing the course. First and second semesters.

3. **Advanced Woodwork.**—General problems in framing. Selection of materials. Two hours, first semester.

DRAUGHTING.

1. **Descriptive Geometry.**—Problems relating to the point, line, and plane. Surfaces of revolution. Intersection and development of solids. Shades and shadows. Three hours' recitation and two hours' drawing. Required, Geometry **c**, Draughting **b**, and, preferably, Mathematics 1. Five hours, second semester.

2. **Architectural Drawing.**—Study of the ancient and modern styles of architecture. Principles of perspective. Four hours, second semester.

3. **Architectural Drawing.**—Continuation of 4. Invention of design. Drawing of fences, outbuildings, plans of grounds, stores, bridges, dwellings, etc. Four hours, second semester.

4. **Machine Design.**—Detail of parts of machines drawn to scale. Designing simple parts of machines.

5. **Machine Design.**—Students will design machines complete. Drawings will be made of all details, care being used to make them as they would be made where actual building follows the designing.

6. **Stereotomy.**—Problems in stone cutting. Drawings for masonry structures. Two hours, first semester.

IRON WORK.

1. **General Blacksmithing.**—Shaping, welding, and tempering. Two hours, first semester.

2. Continuation of course 1. Two hours, second semester.

SURVEYING.

1. **Elementary Surveying.**—Methods of triangulation, ranging outlines, overcoming obstacles, and mapping and plotting from data furnished by field work. The later half of the semester is devoted to the use and care of instruments, and to the elements of topographical drawing. Methods of determining areas, recording field notes, and establishing fixed lines. Trigonometry is required. Five hours, first semester.

2. **Plane Surveying.**—Laying out and dividing land. Plane table surveying, government surveying, city surveying, legal aspect of government surveying, and leveling. The latter half of

the semester is devoted to practical field work. Surveying 1 is required. Three hours, second semester.

3. **Topographic Surveying.**—Transit and stadia. Plane table, field-work, and drawing. Three hours, second semester.

4. **Railroad Surveying.**—Survey, location, and construction of railroads. The work will consist of operations in the field, plotting field-notes, and making finished drawings of the field operations. Three hours, second semester.

5. **Geodetic Surveying.**—Precise level practice. Reduction of triangulations. Vertical angle leveling. Three hours, first semester.

DEPARTMENT OF AGRICULTURE.

Professor Homer.
Assistant Professor Peterson.
Assistant Professor Spaulding.

1. **Agricultural Chemistry.**—This is a subject of fundamental importance to all students of agriculture, and of general interest to all students of science. It deals with the chemistry of soils, plants, and animals, and shows the relation of these great divisions of nature to each other. A laboratory has recently been fitted up in which laboratory work in the subject will be given. There are three lecture periods weekly. The laboratory work may be arranged with the instructors according to the time and special purposes of the students. Three hours credit, with additional credit for the laboratory work.

2. **Agricultural Chemistry.**—Continuation of Agriculture 1.

3. **Animal Nutrition.**—This course is essentially a consideration of animal physiology with especial reference to the relation of the animal to food. Much light has been thrown on this subject during the last few years, by able investigators in this

and other countries. These late experiments will be examined and discussed in detail. This course, also, while of general interest to students of science, is of especial importance to those whose life work may concern itself with any branch of agriculture. Three hours credit, with additional credit for laboratory work.

4. **Animal Nutrition.**—Continuation of Agriculture 3.

5. **Methods of Soil Investigation.**—This course will deal primarily with examination and aplication of modern methods of soil investigations. Emphasis will be laid upon the modern methods of soil surveying for agricultural purposes. Laboratory practice will be given in the most approved chemical, physical, and biological methods of soil analysis. The class will meet three times a week and laboratory work will require at least six hours per week. Five hours credit.

6. **Methods of Soil Investigation.**—Continuation of agriculture 5.

7. **Plant Breeding.**—The subject of plant breeding has become one of the most important subjects in the science of agriculture. The adaptation of plants to their environment and the production of new plants meeting the particular needs of man promise to take a leading part in the progress of the world. This course will deal with the study of the methods by which the characteristics of plants may be controlled. The work will be largely a study of the work of the leading investigators in this department of knowledge. As far as time will permit, laboratory work will be undertaken. Three times a week, with laboratory work as desired. Three hours credit.

8. **Plant Breeding.**—Continuation of Agriculture 7.

Secondary Schools.

NORMAL SCHOOL.

The Normal school provides for the technical and professional preparation of teachers for public schools and high schools. During the fourth and fifth years the college department of the University is open to the normal students, and most of the courses are taught by college professors. The Church Normal Training school, which is established in connection with the University furnishes an opportunity for the normal student to make practical application of the principles of education, methods of teaching, and school government. Practical schoolroom work in all the grades of the public schools is given in training under professional teachers.

Students who wish to specialize in any subject and prepare themselves for supervisors will be assigned additional work under special teachers. When they have completed the required work in the special subjects, it will be designated on their diplomas.

KINDERGARTEN DEPARTMENT.

Connected with the Training school is a Kindergarten department for the preparation of Kindergarten teachers. Students who complete the work in this department in connection with their training will receive a Kindergarten Normal diploma. Besides the professional preparation of teachers it is the aim of this department to give special training to women who have the care of children, and to others who wish to be aided by the thorough discipline and increased insight which the study of the Kindergarten system gives. The department gladly extends

help to primary teachers, mothers, and other persons in the education of children.

The methods pursued lead to a harmonious development of the three-fold nature of the child, viz., the physical, the mental, and the spiritual. Universal truths, truths of love, beauty, kindness, unselfishness, honor, work, and respect for the rights of others are taught the child through play.

Those in training not only learn to lead the child to find and practice these truths, but are led to apply them in their own lives. Primary teachers will find the Kindergarten course especially helpful, because it leads them to the psychological study of children and teaches them the application of universal principles of life and work. To the Sunday school teacher this training is invaluable. Froebel himself says: "My system of education is based on religion and must therefore lead up to religion."

ENTRANCE REQUIREMENTS.

Applicants for admission to the Normal school must be at least fourteen years of age, and when not admitted on certificate, must pass examination in the following branches:

Arithmetic.—Fundamental principles; simple numbers; fractions (compound and decimal); percentage and interest. Werner's III Book in Arithmetic, or an equivalent.

Grammar.—Parts of speech, their uses and relations in connected discourse. Ability to analyze simple, complex, and compound sentences.

Geography.—Position, boundary, coast lines, and chief ranges and rivers of grand divisions; principal cities of the world and the geography of the United States. "Natural Advanced Geography," or an equivalent.

Reading.—Ability to read intelligently ordinary prose.

Spelling and Punctuation.—Ability to spell common English words and punctuate the simpler forms of sentences.

Penmanship.—Ability to write a free, legible hand.

Note.—Candidates failing in no more than three of the above subjects may be permited to enter with conditions. These conditions must be worked off before the opening of the next school year after entrance. Candidates for admission to the Normal school who have completed the eighth grade work in any approved school, may, on presentation of their certificates, be admitted without examination.

GRADUATION.

Students who complete successfully the four years' work as tabulated below,* with one hundred and forty-four hours credit, are entitled to a Normal diploma, and may enter without examination upon the first year College courses.

No deviation from the order of studies as here arranged can be made without the sanction of the Principal and teacher concerned.

NORMAL COURSE.

First Year.

First Semester.		Second Semester.	
Theology a	3	Theology b	3
Mathematics a	5	Mathematics b	5
English a	5	English b	5
Physiography a	3	Physiography b	3
Elective*	4	Elective*	4
	20		20

Second Year.

First Semester.		Second Semester.	
Theology c	3	Theology d	3
Mathematics d	3	Mathematics e	3
English c	5	English d	5
Zoology a	5	Physiology b	5
History a	3	History b	3
Elective*	1	Elective*	1
	20		20

Third Year.

First Semester.		Second Semester.	
Theology e (Old Testament)	3	Theology f (Old Testament)	3
Physics a or Chemistry a	5	Physics a or Chemistry a	5
English e	3	English f	2
Botany a or Nature Study a	2	Botany b or Nature Study b	2
Psychology a	5	Theory a	5
Elective*	2	Elective*	3
	20		20

Fourth Year.

First Semester.		Second Semester.	
Theology g	3	Theology h	3
History e	5	History f	5
Theory b	4	Theory c	2
Training a	4	Training b	4
Elective*	4	Educational Psychology a	2
		Elective*	4
	20		20

*Electives may be chosen from any of the Secondary schools, provided the student get the approval of the Principal.

KINDERGARTEN NORMAL COURSE.

This course is designed for those who wish to specialize in Kindergarten work. The first three years of the course are the same as the first three years of the Normal course.

Fourth Year.

First Semester.		Second Semester.	
Theology g	3	Theology h	3
Kindergarten Theory	4	Kindergarten Practice	4
Observation	2	Kindergarten Theory	4
History e	5	History f	5
Chemistry a1	5	Elective*	4
Elective*	1		
	20		20

Fifth Year.

First Semester.		Second Semester.	
Theology 1	3	Theology 2	3
Kindergarten Practice	4	Kindergarten Theory	4
Kindergarten Theory	3	Pedagogics 4	2
Pedagogics 3	2	Theory c	2
Theory b	4	Training b	4
Training a	4	Elective*	5
	20		20

*Electives may be chosen from any of the Secondary schools, provided the student gets the approval of the Principal.

DEPARTMENT OF PEDAGOGY.

Professor Brown.
Professor Larson.
Professor Dusenberry.
Professor Joseph Petersen.
Instructor Cummings.

The courses in Pedagogics are designed for the preparation of professional teachers. They are intended to cover all subjects necessary to teaching in primary and high schools. Instruction given in lectures is supplemented by text-books and general reading.

THEORY OF TEACHING.

a. Evolution of Methods.—This course deals with the aim and scope of education. The growth of educational ideals and systems as expressed by ancient and modern educators. A special study of modern ideals and practical school-room methods used in working them out. Relationship of educational factors, home, school, church, press, society. Lectures supplemented by individual research. Texts, Seeley's "History of Education," Thorndike's "Education." Five hours, second semester.

b. Methods.—Discussion of the educational value of the subjects of study. Methods studied from the standpoint of psychology. Students will prepare plans of recitation and outlines of study. School plan and program giving correlation of studies. Discussion of school management, including organization, regulation, rewards, punishments, recreations. Four hours, first semester.

c. Methods.—Discussion of selection of subject matter and method and proper correlation of manual training and nature-study with other subjects. Two hours, second semester.

TRAINING.

a. Class Work.—This course is taken in connection with Course **b** in Theory and Teaching, which lays the foundation in methods. Students will prepare plans of recitation, subject to the criticism of the critic teacher and training supervisor; will teach a class three hours each week under observation. Subsequently they will meet in critic class, to discuss failures and successes. Students will receive suggestive plans, outlines, stories, poems, songs, gems, and practice in the art of story telling. Four hours, first semester.

d. Department Supervision.—Much of the work of course **a** will be continued, varied by subject mater and grades. In addition the student will be given opportunity to correlate and control the work of an entire grade. Four hours, second semester.

EDUCATIONAL PSYCHOLOGY.

a. Experimental.—Some of the leading contributions of psychology to education will be considered. An endeavor will be made to give the students some control of fruitful experimental methods in educational work. Two hours, second semester.

NATURE STUDY.

The aims of this course are to supplant the formal object lesson and otherwise enliven and enrich the school curriculum; also to maintain a close relation between child life and nature, that school may be a continuous source of delight and inspiration rather than a task. Take a child from nature during his

school days and you cause an unnatural transformation through which he invariably suffers.

a. Collecting Material.—This course is for the purpose of teaching Normal students what to present and how much; how to collect and preserve material; also how to construct apparatus by which the laws and phenomena of nature may be demonstrated. The work will be adapted to the changes of the seasons. This course is open only to those who have had the prescribed courses in science. Four hours recitation or laboratory work. Two hours, first semester.

b. Garden Work.—This course will be a continuation of course **a,** besides which there will be school garden work. Two hours, second semester.

KINDERGARTEN THEORY.

a. Gifts, Games, and Occupations.—The course includes the study of gifts, games, and occupations of the Kindergarten as taught by Froebel. Lectures upon the principles underlying the use of the gifts, games, and occupations are given, together with an opportunity to put the ideas thus gained into practice with litle children, under the supervision of experienced directors. Froebel's "Pedagogics" is used as a text-book in all gift work.

b. Mutter and Kose Lieder.—Special emphasis is placed upon the careful study of the "Mutter and Kose Lieder," as it is the foundation of the entire Kindergarten system. It is made the center around which such other studies are grouped in the curriculum as will best aid in unfolding and illustrating its principles. Froebel himself says: "I have here laid down the most important part of my educational method."

c. Program Work.—Program work and its daily application in class work will be a matter of lecture by the Director of the Kindergarten and suggestions and discussions by the members of the class. Programs are based upon "Mutter and Kose Lieder." Two years' work. Five hours, first and second semesters.

KINDERGARTEN PRACTICE.

a. Observations.—Each student is required to attend regularly a Kindergarten class, which will be assigned by the Director of this department, and act as a cadet during the junior and senior years. During the year the cadet will spend her time largely in observation work and small duties assigned her in the Kindergarten.

b. Practice.—During the senior year she will devote her time to practical work with the children and spend a certain number of weeks in visiting other kindergartens. The Director of the Kindergarten will report regular attendance of students, for which credit will be given toward graduation on the books of the University. Two years' work. Four hours, first and second semesters.

DEPARTMENT OF NORMAL MANUAL TRAINING AND ART.

Professor Eastmond.
Assistant Professor Aretta Young.
Instructor Larsen.

NORMAL DRAWING.

a and b.—Form Study.—Composition in line, in dark and light, representation in clay. Nature or motive drawing. Leaves flowers, fruit applied in pictorial composition and in design. Object drawing. Simple mechanical drawing may be introduced. Circular perspective, light, shade, and texture color study. (Application of above in Christmas souvenir work.) Freehand perspective: distance represented in line, form, tone and atmosphere. Object sketching; motives for landscape illustration. Illustrative sketching. Possible method work. (Application of whole in cover designs and illustrated booklet, etc.) Materials: paper, pencil, water colors, charcoal. Laboratory fee, 50c. Two hours credit throughout the year.

c and d.—Art work continued. Object drawing continued. Possibilities of mediums. Representation in clay may be continued. Practical blackboard work. Composition in picture-making continued. Decorative art-work continued. Possible method work and practical application of problems. Study of artists and their works. Water color painting. Practical school room art. Required: Dhawing **a** and **b**, or the equivalent. Two hours, throughout the year.

NORMAL MANUAL TRAINING.

a and b. Correlative Handicraft.—Sloyd whittling, bench work, paper work, tag-board construction, straw-board construction. Clay work. Working drawing. Wire work, braiding, plaiting, weaving, basketry, etc.,(especially with native material). Two hours, throughout the year.

c and d. Psychology and Method of Art and Manual Training Correlation.—The possibilities of art and manual training in western public schools—qualified by actual experience of director. Practicable courses and mediums. Actual experiment work with children. Special methods and training. Text book used: "Mind and Hand," by Charles H. Ham. Required: Supervision Practice, arranged by the Professor of the department. Four hours throughout the year.

Laboratory Work.—Opportunity is afforded students to elect a certain number of hours' work for the purpose of qualification in manual art, especially in elementary handicraft; also for the purpose of obtaining skill in the presentation of problems before classes of children. Special direction and criticism are given. Hours arranged with the director of the department.

Note.—Candidates for courses in Normal art, Normal manual training, or Normal art and Manual training correlation will consult the Principal of the Normal school.

THE HIGH SCHOOL.

As the College of the Brigham Young University has evolved, step by step, through the grades of a preparatory school, it has necessarily left a well developed, well equipped high school.

Our High school faculty numbers more than thirty experienced teachers, a majority of whom are graduates from the best universities in the east and west. Their work is facilitated by class rooms and laboratories well provided with materials for efficient instruction.

To supply the growing demand for higher and better preparation for life, two definite courses have been established in the High school.

1. **An English Course,** offering ample opportunity for classical and literary training, and preparing students for the work of life, as well as for entrance to the College or other higher institutions of learning.

2. **A Scientific Course,** which prepares students for entrance to professional work in the College or other universities.

ENTRANCE REQUIREMENTS.

Students who do not present certificates of graduation from the eighth grade, must pass entrance examinations identical with those of the Normal school. (See page 58.)

GRADUATION.

Every student on entering the High school will be required to elect one of the courses offered below. No deviation from the order of the studies as here arranged can be made without the sanction of the Principal.

Students who complete successfully either of the four-year courses with one hundred and forty-four hours credit, are entitled to a High school diploma.

GENERAL COURSE.

First Year.

First Semester.		Second Semester.	
Theology a	3	Theology b	3
Mathematics a	5	Mathematics b	5
Physiography a	3	Physiography b	3
English a	5	English b	5
Elective*	4	Elective*	4

Second Year.

First Semester.		Second Semester.	
Theology c (New Testament)	3	Theology d (New Testament)	3
Mathematics c (Geometry)	3	Mathematics d (Geometry)	3
English c	5	English c	5
Zoology	5	Physiology a	3
Elective*	4	Elective*	4

Third Year.

First Semester.		Second Semester.	
Theology e (Old Testament)	3	Theology f (Old Testament)	3
English e	3	English f	2
Physics a	4	Physics b	4
Botany a	3	Botany b	2
Elective*	7	Elective*	9

Fourth Year.

First Semester.		Second Semester.	
Theology g(Church History)	3	Theology h (ChurchHistory)	3
English g	3	English h	3
Chemistry	4	Chemistry	4
History & Civics (American)	5	History & Civics (American)	5
Elective*	7	Elective*	7

*Electives may be selected from any of the Secondary schools, with the advice and consent of the Principal.

ENGLISH COURSE.

First Year.

First Semester.		Second Semester.	
Theology a (Book of Mormon)	3	Theology b (Book of Mormon)	3
Mathematics a (Algebra)	5	Mathematics b (Algebra)	5
Physiography a	3	Physiography b	3
English a	5	English b	5
Elective*	4	Elective*	4

Second Year.

First Semester.		Second Semester.	
Theology c (New Testam't)	3	Theology d (New Testament)	3
Mathematics d (Geometry)	3	Mathematics e (Geometry)	3
English c	5	English d	5
Zoology a	5	Physiology a	5
Elective*	4	Elective*	4

Third Year.

First Semester.		Second Semester.	
Theology e (Old Testament)	3	Theology f (Old Testament)	3
English e (Hist. of Eng. Lit.)	3	English f (Hist. of Eng. Lit.)	2
Physics a	4	Physics b	4
History c	3	History d	3
Latin a	4	Latin b	4
Elective*	3	Elective*	4

Fourth Year.

First Semester.		Second Semester.	
Theology g (Church Hist.)	3	Theology h (Church Hist.)	3
English g	3	English h	3
Chemistry a	4	Chemistry b	4
History e	5	History f	5
Latin c	4	Latin d	4

*Electives may be selected from any of the Secondary schools, with the advice and consent of the Principal.

SCIENTIFIC COURSE.

First Year.

First Semester.		Second Semester.	
Theology a	3	Theology b	3
Mathematics a (Algebra)	5	Mathematics b (Algebra)	5
Physiography a	3	Physiography b	3
English a	5	English b	5
German a, or French a	4	German b, or French b	4

Second Year.

First Semester.		Second Semester.	
Theology c (New Testam't)	3	Theology d (New Testam't)	3
Mathematics c	3	Mathematics d	3
English c	4	English d	4
Zoology a	5	Physiology a	5
German c, or French c	4	German d, or French d	4
Physical Culture	1	Physical Culture	1

Third Year.

First Semester.		Second Semester.	
Theology e (Old Testament)	3	Theology f (Old Testament)	3
Physics a	4	Physics b	4
English e	3	English f	2
Mathematics e (Geometry)	4	Mathematics f (Algebra)	4
Botany a	2	Botany b	2
Latin a	4	Latin b	4

Fourth Year.

First Semester.		Second Semester.	
Theology g (Church Hist.)	3	Theology h (Church Hist.)	3
English g	3	English h	3
Chemistry a	4	Chemistry b	4
History e	5	Mathematics 1 (Algebra)	3
Mathematics g	2	Elective*	2
Elective*	3		

*Electives may be selected from any of the Secondary schools, with the advice and consent of the Principal.

DEPARTMENT OF THEOLOGY.

The aim in the courses here outlined is less to teach the facts of theology than to awaken the spiritual life; in other words, the intellectual aspect of religion is constantly counted of less moment than the development of a warm personal testimony of the Gospel. The theological work is the same in all of the schools, and practically all of the teachers are engaged in teaching this subject.

a. Book of Mormon.—History of its coming forth and relationship of the various books composing it. Students will read first half of the book. Reynolds' "Story of the Book of Mormon" may be used for reference. Three hours, first semester.

b. Book of Mormon.—The second half of the book and external evidences of its divine authenticity. Three hours, second semester.

c. Life of Christ.—The story of Christ's life will be followed as developed in the four Gospels, which students will be required to read. Special emphasis will be given to the principles He taught. Farrar's "Life of Christ" should be read for reference. Three hours, first semester.

d. Apostolic Age.—The lives and missionary work of the Apostles as set forth in the New Testament will be taken up. Students will read the Acts, the Epistles, and Revelations. Three hours, second semester.

e. Old Testament.—Historical relationship of the books in the Old Testament. Students will read the narrative portions of the text, including Kings, Chronicles, Samuel, Job, and Esther. Teacher will set forth the divine authenticity of the book. Three hours, first semester.

f. Old Testament.—Students will read the poetic,, didactic, and prophetic books of the Old Testament. Special emphasis will be placed on those prophecies which have their fulfillment in our day. Three hours, second semester.

g. Church History and Doctrine.—The history of this dispensation of the Gospel, as set forth in the publications of the Church, will be followed. Special emphasis will be laid upon the divine mission of Joseph Smith; on which subject, Orson Pratt's "Was Joseph Smith Sent of God?" will be read. Three hours, first semester.

h. Church History and Doctrine.—Continuation of **g.** Three hours, second semester.

DEPARTMENT OF ENGLISH.

Professor Osmond.
Professor Nelson.
Associate Professor Cluff.
Assistant Professor Reynolds.
Instructor Schofield.
Instructor Adams.
Instructor Snell.

ENGLISH.

In the following courses in English the aim is to develop the power of oral and written expression and to cultivate a taste for good literature. Special attention is given to written composition and individual criticism of themes. In the courses in English literature prescribed reading is an important part of the students' preparation.

a. Grammar, Minor Classics, Elementary Rhetoric and Simple Exercises in Oral and Written Composition.—Five hours first semester.

b Continuation of Course **a.** Five hours, second semester.

c. Review of grammar, oral and written composition, rhetoric and classics. Four hours, first semester.

d. Continuation of Course c. Four hours, second semester.

e. **History of English Literature.**—This course deals with the history and development of literary English. Lectures and prescribed reading. All third year students are required to take this course. English c and d required. Three hours, first semester.

f. Continuation of Course e. Three hours, second semester.

g. **Advanced Rhetoric.**—This course deals with the principles of invention, narration, description, exposition, and argumentation, and special attention is given to oral and written composition. English e and f are required. Three hours, first semester.

h. **Advanced Rhetoric.**—Continuation of Course g. Three hours, second semester.

i. **Debating.**—This course trains students in public speaking. It consists of theoretical and practical work in argumentation. Original debates are briefed, written, and rehearsed for criticism. English d is required. Three hours, first semester.

j. **Debating.**—Continuation of i. Three hours, second semester.

k. **Elocution.**—This course aims to produce fluent and effective readers. Attention to diacritical marks, drill in pronunciation, articulation, and personal bearing occupy a portion of the time. Two hours, first semester.

l. **Elocution.**—Continuation of course k. In this course special attention is given to voice culture and oral expression. Two hours, second semester.

m. **Analytical Grammar.**—The purpose of this course is to study the scientific basis of the English language. Much attention will therefore be given to diagraming, or the written analysis of sentences. Text-book: Whitney's "Essentials of English Grammar." Two hours, first semester.

n. Analytical Grammar.—This is course **m** continued. No credit will be given unless the course is carried throughout the year. Two hours, second semester.

o. Oral Expression.—Articulation and pronunciation. Extracts from Tennyson, Browning, Shakespeare, Longfellow, and other classics will be studied for oral rendition. Text book: Hyde's Reader and Speaker. Two hours, first semester.

p. Oral Expression.—Continuation of **o**. Detailed study of "King Robert of Sicily." Two hours, second semseter.

q. Oral Expression.—Drills for voice work. Breathing exercises for control of voice. Study of "Julius Caesar"—Shakespeare. Two hours, first semester.

r. Oral Expression.—Continuation of **q**. Two hours, second semester.

DEPARTMENT OF FOREIGN LANGUAGES.

Professor Barker.
Professor Andelin.
Professor Ward.
Professor Osmond.
Assistant Professor Van Buren.

LATIN.

a. Elementary Latin.—Collar and Daniel's "First Year Latin." Simple construction. Practical exercises in syntax and the acquisition of a liberal vocabulary. Four hours, first semester.

b. Elementary Latin.—Collar and Daniel's "First Year Latin." Collar's "Via Latina." Four hours, second semester.

c. Kelsey's Caesar.—Books 1 and 2; Bennett's Latin Grammar and Bennett's "Latin Prose Composition." Four hours, first semester.

d. Kelsey's Caesar.—Books 3 and 4 completed. Bennett's "Latin Prose Composition" completed. Exercises in easy sight translation. Four hours, second semester.

GERMAN.

a. Elementary.—Easy reading, word drill, conversation, and grammar. Only the essential features of Grammar introduced, and these with reference to the special needs of the average beginner. The aim is to acquire a ready, working vocabulary, and the ability to read and write and converse freely on familiar topics. German forms the center of all instruction; so that from the first the student comes in direct contact with the language he is to learn. Grammar: Spanhoofd's "Lehrbuch der Deutschen Sprache." Reader: "Glueck Auf." Four hours, first semester.

b. Elementary.—Continuation of **a**. Reading of "Es war Einmal," "Immensee." Lessons in easy composition. Four hours, second semester.

c. Advanced.—Practical Grammar. Bernhardt's "German Composition." Reading of following modern classics: "Aus Herz und Welt," "Die Journalisten," "Kleider Machen Leute," "Die Monate." Practice in writing stories and anecdotes from memory. Four hours, first semester.

d. Advanced.—Continuation of **c**. Composition, by relating in class synopses of texts read at home. Reading of "Aus dem Leben eines Taugenichte," "Frau Holde," "Soll und Haben." Four hours, second semester.

FRENCH.

a. Elementary.—The same principles underlie the teaching of French that underlie the teaching of German. Grammar: Kroeh's "French Course," first year. Reader: Rollin's "French Reader." "Historiettes." Four hours, first semester.

b. Continuation of a.—Reading of "Fleurs de France," and Bercy's "Lectures Faciles." Four hours, second semester.

c. Advanced.—Kroeh's "French Course," second year easy composition. Reading of "La Mare au Diable," "Le Marie de Madame Solange." Four hours, first semester.

d. Advanced.—Continuation of **c.** Composition, conversation, and reading of Lamartine's "Jeanne d'Arc." Four hours, second semester.

SPANISH.

In view of the new relationships established between the United States and Spanish America, including the Philippine Islands, it is believed that the Spanish language will become one of the necessary branches of a liberal education. The aim of these courses is to prepare the student for business transactions in our newly acquired territories, and to meet the demand of students from states requiring Spanish as a preparation for teaching.

a. Elementary.—Loiseaux's Spanish Grammar and Worman's "First Spanish Reader." Easy Spanish prose conversation. Four hours, first semester.

b. Elementary.—Loiseaux's Grammar and Worman's Second Reader completed. Ybarra's "Lectura y Conversacion." Four hours, first semester.

c. Modern Spanish Classics.—Knapp's "Spanish Grammar." Introduction to the modern authors in Loiseaux's "Spanish Reader." Reading of the modern classics, "Valdes Jose," Carrion y Aza's "Zaraguetta." Translation from the English and original composition. Four hours, first semester.

d. Spanish Classics.—Knapp's Spanish Grammar. Spanish classics. Fornes' "El Si de las Ninas," Cervantes' "El Cautivo," and Padre Islas Le Sage's "Gil Blas." Translation and original composition. Four hours, second semester.

DEPARTMENT OF HISTORY AND ECONOMICS.

Professor Swenson.
Assistant Professor Kirkham.
Assistant Professor Jensen.

a and b. Ancient History.—This course is planned for second year students, and covers the period from the earliest times to the fall of Rome. Three hours throughout the year.

c and d. Modern History.—This course is planned for high school students, and covers the period from the fall of Rome until the present time. Three hours throughout the year.

e. American History and Civics.—The expansion of England. The settlement and colonization of America, the Revolution and the formation of the Constitution. This course will emphasize the constitutional development of the American nations. It also includes a critical study of the Constitution and of the political theories of the early American period. Channing's "History of the United States." Five hours, first semester.

f. American History and Civics.—From the adoption of the Constitution until the present, including a discussion of the development of the government and the workings of political parties. In courses e and f maps, digests, and special reports will be required. Channing's "History of the United States." Five hours, second semester.

g. English History.—From the Saxon conquest to 1485. The evolution of the British constitution. Cheyney's "History of England." Two hours, first semester.

h. English History.—From 1485 to the present. This course will emphasize the bearing of English institutions upon American ideals and institutions. Cheyney's "History of England." Two hours, second semester.

ECONOMICS.

a. Economic Theory.—A study of the underlying principles governing the production, exchange, distribution, and consumption of wealth. Five hours, first semester.

b. Economic Problems.—A study of some of the economic problems of the day. Five hours, second semester.

DEPARTMENT OF MATHEMATICS.

Professor Ward.
Professor Partridge.
Professor Jarvis.
Instructor Partridge.

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a. Elementary Algebra.—This course is designed for beginners and will include a careful consideration of the subjects treated in Stone-Millis' "Higher Algebra" to page 139. Five hours, first semester.

b. Elementary Algebra.—Continuation of **a.** Stone-Millis' "Higher Algebra," to page 252. Required, Algebra **a.** Five hours, second semester.

c. Elementary Algebra.—Stone-Millis' "Higher Algebra" completed. Required, Algebra **b.** Four hours, second semester.

d. Geometry.—Wentworth's "Revised Geometry." Required, Algebra **b.** Three hours, first semester.

e. Plane Geometry.—Completion of "Plane Geometry." Required, Geometry **a.** Three hours, second semester.

f. Solid Geometry.—"Wentworth's Revised Geometry" completed. Required, Geometry **b.** Four hours, first semester.

g. Plane and Spherical Trigonometry.—Crockett's "Plane and Spherical Trigonometry" complete. Two hours, first semester.

DEPARTMENT OF PHYSIOGRAPHY AND GEOLOGY.

Professor Hinckley.
Assistant Buss.

PHYSIOGRAPHY.

a. Elementary Physiography. This course is intended to be introductory to the study of the natural and physical science. It deals with the earth as the home of man. Two recitations and two laboratory periods (2 hours each) per week. Three hours credit, first semester.

b. Continuation of **a.** Thre hours credit, second semester.

GEOLOGY.

a. Elementary Geology.—This course is designed to make the student acquainted with the dynamic forces now in operation and fashioning the earth's crust, and to make him familiar with the most common mineral constituents of the earth, with its structural features, and its historical development. Several field excursions will be taken during the year to study structural features and dynamic forces at first hand. Three recitations and one laboratory period per week. Four hours credit, first semester.

b. Continuation of **a.** Four hours credit, second semester.

c. Agricultural Geology.—This course is arranged especially for students interested in agricultural pursuits. The aim is to consider the nature, origin, and care of soils; natural fertilizers, ground water, and how to conserve it, and water supply. Three hours, each semester.

DEPARTMENT OF BIOLOGY.

Professor Chamberlain.
Assistant Professor Van Buren.

ZOOLOGY.

a. An elementary study of animal structure, life-processes, and general life relations, based primarily upon the study of a series of selected types in laboratory and field. Three class and two laboratory periods. Five hours credit, first semester.

PHYSIOLOGY.

a. A continuation of Zoology **a.** A general course in animal and human physiology, developed by the comparative method. Laboratory study and experimentation are made the basis of the course. Three class and two laboratory periods. Two hours credit, second semester.

BOTANY.

a. Study in laboratory, field and class of a series of selected types from all the principal plant groups, with attention to the elementary facts of physiology and to ecology. Two hours, first semester.

b. A continuation of **a.** The structure and relationship of the various groups of plants will be considered, together with the forms and functions of flowers and fruits. Two recitations and one laboratory period per week. Three hours credit, second semester.

PLANT PHYSIOLOGY.

a. Elementary.—A study of the general functions of seed plants, such as absorption, transpiration, photosynthesis and respiration. Prerequisite, Botany **a** and **b**. Four hours credit. Two recitations, and two laboratory periods per week. Second semester.

DEPARTMENT OF PHYSICAL SCIENCE.

Professor Snow.
Professor Maw.
Assistant Walsh.
Assistant Luke.
Assistant Maeser.

PHYSICS.

a. Mechanics and Heat.—Milikan and Gales' "High School Physics" will be used as a text. Three recitations and two two-hour laboratory periods per week. Four hours, first semester.

f. Electricity, Light, and Sound.—Continuation of Physics **a.** Same hours and credit as Physics **a.** Four hours, second semester.

CHEMISTRY.

a. General Chemistry.—This course consists of three recitations and six hours laboratory work per week, throughout the year. The fundamental ideas of chemical science will be considered: the facts of chemical combinations by weight and volume; the atomic theory as at present developed in connection with chemistry; the chemical nomenclature and symbols in use; a general survey of descriptive chemistry of the elements and their compounds, inorganic and organic. Four hours, first semester.

b. General Chemistry.—Continuation of **a.** Four hours, second semester.

a1. General Chemistry (for Normals).—This course consists of five recitations and four hours laboratory work per week, during one semester. The fundamental ideas of chemical science will be considered. Special emphasis will be placed on the descriptive and practical side of chemistry. The chemistry of daily life will be constantly referred to. Special attention will be paid to the common poisons and their antidotes; methods of disinfecting rooms, etc. The laboratory work aims to teach facts in chemistry by observation, experiment, and induction. Five hours, first and second semesters.

DEPARTMENT OF PHYSICAL CULTURE.

Director Bennion.
Assistant Adams.

The Gymnasium occupies the third story of the Training school building, a substantial brick structure 125 feet long by 65 feet wide. It is equipped with the best standard apparatus, and every opportunity for the physical training given by the best gymnasia of the land is here obtainable. The equipment includes four dressing rooms supplied with lockers, shower-baths, etc. Six courses are given in the Gymnasium, any one of which may be elected in addition to the regular curriculum.

a. Physical Training for Men.—This includes free-arm movements, dumb-bell and Indian-club drill, and apparatus work. Five time sper week, two hours' credit; or three times per week, one hour credit. Two or more sections will be organized, according to the number of applicants. First semester.

b. Physical Training for Men.—Continuation of **a.** Five times per week, two hours' credit; three times per week, one hour credit. Second semester.

c. Physical Training for Women.—Floor wor kand general exercises, dumb-bell and Indian-club drill, fancy marching, wand drills and lectures on the proper care of the body. Three times per week, one hour credit, first semester.

d. Physical Training for Women.—Continuation of **c.** Three times per week, one hour credit, second semester.

e. Physical Training for Women.—Artistic work: fancy steps, folk dances. Courses **c** and **d** are required. Three times per week, one hour credit, first semester.

f. Physical Training for Women.—Continuation of **e.** Three times per week, one hour credit, second semester.

COURSE IN NURSING.

Dr. Hinckley.

a. General Nursing.—Introductory: nursing and nurses. Nursing as it pertains to the sick-room and hospital ward. Beds, bed making and bed sores. Food and administration. Medicines and their administration. Contagion and disinfection. Respiration, ventilation, warmth, observation of symptoms. Circulation, pulse, temperature. The skin, baths, massage, application. Kidneys, catheterization, bowels, enemata. Bandaging, fractures, dislocations. Nursing in obstetrical cases. Nursing as it pertains to gynecology. Nursing sick children. Nursing in special medical cases. Nursing in emergencies, surgical and medical. Oral and written examinations. Two hours, first semester.

b. General Nursing.—Continuation of Course **a.** Two hours, second semester.

MISSIONARY COURSE.

A course for the preparation of special missionaries will be given under the direction and supervision of the general missionary committee of the Church. This course will extend over two years, or to such time as in the judgment of the faculty the persons are prepared for misisonary field work. Each student will be duly called by the general authorities of the Church, and will take the regular theology and one extra hour in theology each day; and he will also pursue such other studies as are deemed necessary to make him a thorough representative of our people abroad.

The only entrance requirement to this course is the proper credentials from the authorities calling the person to this educational mission. The course in a general way will consist of theology, drill in reading and speaking, history, language, correspondence, and conducting meetings.

Students who desire may take any line of work in the institution for which they have a special aptitude and the time. Tuition for the missionary course will be free for the general course. They will, however, pay for courses elected outside of the missionary course.

DEPARTMENT OF SPECIAL ELOCUTION.

Miss Laura Pearl Adams.

Aside from the regular courses as offered under the head of English, an opportunity is here given to receive special training in elocution and physical expression. Dramas and elocutionary recitals have occasionally been presented by this department, and students are frequently called upon to appear at meetings of the Literary society, upon Commencement programs, and at public entertainments generally. In this way they obtain the needed experience and practice in public speaking.

a. Training in Articulation, pronunciation, phrasing, emphasis and inflection. Physical exercise to insure proper carriage of the body, and proper fredeom and grace of movement. Breathing exercises. Vocal drill for tone placing, clearness, and purity. Two hours, first and second semesters.

b. Continuation of Course **a**. Drill in the elements of vocal expression. Voice training through the imagination. Aesthetic gymnastics. Studies in impersonation. Correction of voice defects and mannerisms. Reading and recitation. Two hours, first and second semesters.

c. Pedagogical Aspects of Reading and Elocution.—Literary interpretation. Original work in pantomime. Study of dramatic scenes. Readings from Shakespeare. Text-book: Clark's "How to Teach Reading." Three hours, first and second semesters.

d. Resume of the work of the entire course. Studies in values, rhythm, and atmosphere. Original work in pantomime, and recitation. Literary interpretation. Criticism. Discussion of methods of teaching. Text book, Clark's "How to Teach Reading." Three hours, first and second semesters.

TUITION FEES.

Private lessons—$1.00 per lesson (three-fourths hour).

Class of three—$15.00 each a semester (2 lessons per week).

Class of five—$10.00 each a semester (2 lessons per week).

Class of eight to twelve—$8.00 each a semester (2 lessons per week).

The Commercial School.

One of the achievements of the Church school system is the development of schools for business training; schools complete in their courses, full of the best things to aid present-day business affairs, and as well-balanced in cultural value as the best High schools in the country. Such an institution is the Commercial school of the Brigham Young University.

COURSES OF STUDY.

Courses of study have been arranged to meet the demands of the various classes of students who enter business colleges. There are some not prepared to take a four-year course, and therefore, studies have been grouped so that these may have a larger range of choice from one year to four years.

1. A general four-year business course, embracing eighteen different subjects, exclusive of electives. One hundred and forty-four hours' credit are required for graduation.

2. A brief course in Bookkeeping, embracing nine subjects, exclusive of electives. Seventy-two-hours' credit will entitle the student to a certified statement of work completed.

3. A special course in Bookkeeping and Arithmetic. Forty hours' credit will entitle the student to a certified statement of work completed.

4. A brief course in Shorthand and Typewriting, embracing ten subjects, exclusive of electives. Seventy-two hours' credit will entitle the student to a certified statement of work completed.

5. A special course in Shorthand and Typewriting. Forty hours' credit will entitle the student to a certified statement of work completed. (This course is designed for second year students.)

ENTRANCE REQUIREMENTS.

Students may enter at any time, though it is better to commence at the beginning of the school year, or with the beginning of the second semester. Applicants for admission must be at least fourteen years of age, and give evidence that they are able to carry the work successfully.

GRADUATION.

Students who successfully complete the studies of the four-year business course will, upon the recommendation of the Principal and a two-thirds vote of the Commrecial School faculty, receive from the Board of Trustees, a Diploma. Upon the satisfactory completion of any of the brief courses, or the special courses in Bookkeeping and Arithmetic, or Shorthand and Typewriting, students may receive a certified statement of their work.

FOUR-YEAR BUSINESS COURSE.

First Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
Commercial Arithmetic a	5	Commercial Arithmetic b	5
English a	5	English b	5
Bookkeeping a	5	Bookkeeping b	5
Penmanship a	2	Spelling a	2

Second Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology c	3	Theology d	3
English c	4	English d	4
Mathematics a	5	Mathematics b	5
Com. Arith. c	2	Bookkeeping d	5
Bookkeeping c	5	Correspondence a	3

Third Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology e	3	Theology f	3
English e	3	English f	3
Shorthand a	5	Shorthand b	5
Law a	2	Law b	2
Law c	1	History d	3
History c	3	Civics b	2
Civics a	2	Law d (Elective)	2

Fourth Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology g	3	Theology h	3
English g	3	English h	3
Commercial Geography	4	Economics b	5
Economics a	5	Shorthand d	5
Shorthand c	5	Elective	4

BRIEF COURSE IN BOOKKEEPING.

First Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
Bookkeeping a	5	Bookkeeping b	5
Commercial Arithmetic a	5	Commercial Arithmetic b	5
Penmanship a	2	Spelling a	2
English a	5		

Second Year.

First Semester.		Second Semester.	Hrs.
Theology c	3	Theology d	3
Bookkeeping c	5	Bookkeeping d	5
Law a	2	Law b	2
Law c (Par. Law)	1	Correspondence a	3
Commercial Arithmetic c	2	English d (Elective)	4
English c	4	Typewriting b	2
Typewriting a	2		

SPECIAL COURSE IN BOOKKEEPING AND ARITHMETIC.

One Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
Penmanship a	2	Commercial Arithmetic b	5
Commercial Arithmetic a	5	Bookkeeping c	5
Bookkeeping a	5	Bookkeeping d	5
Bookkeeping b	5	Typewriting a	2

BRIEF COURSE IN SHORTHAND AND TYPEWRITING.

First Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
Shorthand a	5	Shorthand b	5
English a	5	English b	5
Penmanship a	2	Typewriting b	2
Typewriting a	2	Spelling a	2
Elective	3	Elective	3

Second Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology c	3	Theology d	3
Shorthand c	5	Business Correspondence a	3
Bookkeeping a	5	Law b	2
Law a	2	or Domestic Art	2
or Domestic Art	2	or Domestic Science	2
or Domestic Science	2	Shorthand d	5
Commercial Arithmetic c	2	Bookkeeping b	5
English c	4	Elective e	2

SPECIAL COURSE IN SHORTHAND AND TYPEWRITING.

One Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology c	3	Theology d	3
Shorthand a	5	Shorthand c	5
Shorthand b	5	Shorthand d	5
English c	4	Business Correspondence a	3
Typewriting a	2	Typewriting b	2
		Spelling a	2

Note.—Second year students only will be permitted to elect this course.

BOOKKEEPING.

Professor Keeler.
Instructor Maycock.
Instructor Glade.

Students with no previous preparation are first assigned work in the Theology department. This consists of lectures on the Science of Accounts with practical illustrations in debit and credit. The student next learns to "keep books" in double entry by a variety of methods, designed to illustrate various labor-saving journals and devices; and to explain wholesale, retail and commission business, etc. Along with this work he is required to make out invoices of goods, statements, balance sheets, and to draw up notes, drafts, and checks according to legal and approved forms.

a. Science of Accounts.—This study takes up commercial forms and business principles. The work is largely practical; i. e., making out business papers, opening posting, and closing books, etc. Five hours, first and second semesters.

b. Science of Accounts.—Continuation of a, including commission business, and corporation bookkeeping. Five hours, first and second semesters.

c. Business Practice.—Here actual business is carried on. The capital invested is Commercial school currency. Buying and selling in the strictest sense becomes, therefore, an every-day experience of the student. He rents places of business, and makes out the leases; buys real estate and makes out the deeds; pays freight and express charges for goods received over the Commercial students' railway; makes out invoices of goods sold, draws up notes for things bought on time; deposits money; in fact, he does business in a natural and sensible way, just as it is done every day. Also a brief course in theoretical banking. Five hours, first and second semesters.

d. Banking and Expert Bookkeeping.—Here the student takes his turn in the various business offices and banks. At one time he is wholesaling goods; at another he is in the real estate business; then he is freight agent; and so he occupies positions which develop skill and ability and give valuable experience. This course also embraces a very extensive study in the theory and practice of banking. Auditing accounts, putting in order books out of balance, and straightening old accounts, also form part of this course. Five hours, first and second semesters.

COMMERCIAL ARITHMETIC.

Instructor Maycock.
Instructor Glade.
Instructor Hayes.

This study is all that its name implies—arithmetic for business men. Many students on entering the Commercial school need a little "brushing up" before they are able to enter upon this subject. These will find proper places in some of the many arithmetic classes taught daily in other departments.

a. **Commercial Arithmetic.**—Special attention is given to the applications of percentage, and practice in rapid calculation. Five hours, first and second semesters.

b. Continuation of a.—Special attention is given to interest, true discount, bank discount, commercial paper, partial payments, stocks and bonds, averaging accounts, and partnership settlements. Five hours, first and second semesters.

c. **Rapid Calculation.**—The person who can add rapidly and accurately; who understands short methods in multiplication and idvision; who can perform mental operations quickly in fractions, percentage, interest, profit and loss, etc., has a quick resource that is convertible into cash everywhere, and at all times. He may have a knowledge of arithmetic, but that does not imply a knowledge of rapid calculation. Arithmetic and Rapid Calculation are not the same. One may know how to solve a problem by employing sufficient time and reasoning processes. Such a person is an arithmetician, but to calculate rapidly and accurately means more than this,—it means the faculty of reading numbers just as we read words and sentences; it means literally to see results at a glance. Daily drills in rapid, accurate adding, short methods in multiplication and division, quick mental operations in fractions, percentage, interest, profit and loss are given. Five times, two hours' credit, first and second semesters.

LAW.

Professor Keeler.
Judge Booth.

Every man should be his own lawyer—more for the purpose of keeping out of difficulty than of getting out when in. The student is made acquainted with those featurse of law that every business man should understand.

a. Commercial Law.—Lectures supplemented by text-books. This study embraces the supjects of contracts, agency, partnerships, corporations, guaranty, sale of goods, commercial paper, real estate, etc. Richardson's Commercial Law. Two hours, first semester.

b. Commercial Law.—Continuation of **a.** Two hours, second semester.

c. Parliamentary Law.—Rules governing the proceedings of legislative bodies, societies, and public gatherings. One hour, first semester.

d. General Law.—Lectures on the manner of passing laws, proceedings in court, etc. Two hours, first and second semesters.

CIVICS.

Professor Keeler.

a. Civil Government.—The making of the American government, the state government, and the national government. Two hours, first semester.

b. Civil Government.—Continuation of **a.** Two hours, second semester.

PENMANSHIP.

Instructor Reese.

A neat, legible, rapid handwriting is demanded now-a-days, and the student is offered every opportunity for acquiring it.

a. Business Penmanship.—Thorough training in position, form, movement and speed. Movement and speed are emphasized until a neat, legible, rapid style of business writing is acquired. Five hours, two hours' credit, first and second semester.

CORRESPONDENCE.

Professor Holt.

To write a business letter and say just what should be said without unnecessary words, and have it free from errors in form and composition, is an accomplishment which few possess. It is demonstrated, however, that those who take this course in correspondence soon develop a remarkable ability for letter-writing. This branch is most important; for young people must learn sooner or later that to save time in business correspondence is one of the means to acquire wealth and lengthen life.

a. Business Correspondence.—The art of business and social correspondence from the best models. Three hours, second semester.

SPELLING.

Professor Peterson.

Few people spell well. English orthography is difficult to memorize, hence the need of thorough dill and practice.

a. Commercial Spelling.—Five times, two hours' credit, first and second semesters.

SHORTHAND.

Professor Holt.
Instructor Preston.
Instructor Reese.

The value of Shorthand is universally recognized. Business men have learned that there is a better and easier way to conduct their correspondence than by the tedious pen process. They have discovered that correspondence which formerly consumed

the day, may now be disposed of in a few minutes. This has opened the way for the professional amanuensis, and has provided an army of young people with remunerative employment.

a. Shorthand Principles.—A careful study of the principles of Shorthand to page 120 of the Phonographic Amanuensis, by Jerome B. Howard. Five hours, first and second semesters.

b. Shorthand Principles.—Continuation of **a**, from page 120 to end of text. Five hours, first and second semesters.

c. Dictation.—Writing of unfamiliar matter from dictation, transcribing same upon the typewriter. The ability to do neat and accurate work, without reference to speed, is the purpose of this course. Five hours, first and second semesters.

d. Dictation.—The writing of unfamiliar matter from dictation, and the transcribing of same continued, special attention being directed to neat and accurate work along with the development of speed. Five hours, first and second semesters.

TYPEWRITING.

Instructor Reese.
Instructor Preston.
Instructor Hardy.

a. Elementary.—Learning of the keyboard, and the care and use of the different parts of the machine. Practice exercises consist of words, sentences, business letters, and commercial forms. Ten hours practice, two hours' credit, first and second semesters.

b. Continuation of a.—Development of speed and accuracy. Ten hours' practice, two hours' credit, first and second semesters.

COMMERCIAL GEOGRAPHY.

Instructor Glade.

This subject will be treated under the following heads: The relation of geography and commerce; climate and commerce; the forest; the man element in commerce; mineral products; trade of the Western hemisphere; trade of the Eastern hemisphere. Four hours' credit, first semester.

Note.—For explanation of other courses, see High school division of this catalogue. Commercial students may choose electives from courses of any of the Secondary schools, subject to the approval of the Principal.

The School of Music.

The school of Music gives theoretical and practical instruction in branches indispensable to the educated musician, and has this advantage over private instruction, that by a participation of many in the same studies, a true musical feeling is awakened; a feeling which promotes industry, and prevents one-sidedness—a tendency against which every singer and player, especially during training years, should be on his guard. By singing in the choir daily, by miscellaneous programs, and by concerts and recitals, pupils are afforded opportunity to become accustomed to public performance, and are better able to satisfy the demands which the public makes.

Courses extend over four years. Each pupil applying for admission must undergo an examination, by which it will be ascertained whether he possesses talent necessary for his enrollment. Pupils exhibiting sufficient preliminary knowledge and capacity can at once be placed in upper classes. Should it be thought necessary, such pupils may be required to attend lower classes as "repetition."

Diplomas are given on the successful completion of either of the courses named below. One hunrded forty-four hours' credit will be required for graduation from the Music school.

CONCERTS AND RECITALS.

The concert management brings from far and near the best obtainable talent. Noted singers and performers and even great symphony orchestras have filled successful engagements with us; the large number serving to place admission fees within easy reach of all. Recitals are held each Wednesday, at 12 m., in which the teachers and advanced students take part. Thus a varied musical literature is provided free. This has proved itself a source of culture and inspiration to all.

DEPARTMENT OF VOCAL MUSIC.

Private—Professor Lund.
Ensemble—Professor Lund.
Assistant Professor Reid.

SINGING.

The singing classes of the University have attained an enviable reputation throughout the inter-mountain region. Over two hundred students begin the training of their voices in this school every year. Some of the best of Utah's singers, now well on their way to fame, received their instruction in these classes.

a. **Reading and Voice-Building.**—Two hours, first semester.

b. **Reading and Part Singing.**—Two hours, second semester.

c. **Style Anthems.**—Two hours, first semester.

d. **Expression.**—Criticism, easy chorus. Two hours, second semester.

e. **Difficult Quartette and Chorus.**—Three hours, first semester.

f. **Opera.**—Selection from oratorio and opera. Three hours, second semester.

HARMONY.

a. **Harmony.**—Common triads. Inversions. Chords of Seventh. Four hours, three hours' credit, first semester.

b. **Harmony (continued).**—Altered chords. Passing tones. Modulations. Key relations. Four hours, three hours' credit, second semester.

c. **Composition and Analysis.** Three hours credit. Two hours, first semester.

d. **Composition and Form.** Three hours credit. Two hours, second semester.

DEPARTMENT OF VIOLIN.

PROF. GUDMUNDSON.

NOTE.—By an oversight the matter below was not handed in on time to appear in its proper place in the Music school.

a. Correct position of violin and bow. Hohmann's Book 1 and 2. Blumenstengel scales in first position.

b. Continuation of Hohmann's studies in Book 3 and second and third positions of Book 4. Scales and arpeggios in three positions.

c. Completion of Hohmann's Book 4, covering fourth, fifth, sixth and seventh positions. Begin the scales, arpeggios, and studies for promoting dexterity, by Schradieck, Book 1.

d. Hohmann's Book 5, with exercises and duets covering all positions. Continuation of Schradieck's Book 1. Begin Blumenstengel's twenty-four Etudes.

e. Continuation of Schradieck's book 1, and Blumenstengel's twenty-four Etudes. Begin Schradieck's Book 2 for double-stops.

f. Begin Kreutzer's forty-two Caprices. Schradieck's Book 3 for modes of bowing. Continuation of scales.

g. Continue Kreutzer's forty-two Caprices. Begin concertos and concert pieces by the masters.

h. Finish Kreutzer's, concertos and concert pieces.

CREDIT in the above courses will be awarded by the teacher at the close of each semester. The number of hours will be determined by the amount of time put in by the pupil and the degree of efficiency attained.

DEPARTMENT OF PIANO MUSIC.

Professor Lund.
Professor Reid.
Instructor Borg.
Instructor Ray Holdaway.

a. Major Scales. Kohler's First Little Pieces.

b. All Scales. Kuhner's First Book of Etudes.

c. Scales in Thirds. Scales in Sixths. Arpeggios. Kuhner's First Book of Instructive Pieces.

d.—Scales Double Thirds; Double Sixths. Kuhner's second and third books of Etudes.

e.—Fertigkeit—Czerny. Germer Technic. Kuhner's Fourth Book of Instruction.

f. Sonatas. Beethoven. Lighter pieces from Chopin, Grieg, Schumann, Mendelssohn, etc. Appropriate selections from standard authors will be given.

g.—Advanced technic work; Bach's Preludes and Fugues; Sonatas and pieces from standard composers and some of the lighter ensemble playing.

h.—Preludes and Fugues and Concerto.

DEPARTMENT OF BAND AND ORCHESTRA.

Professor Sauer.
Professor Gudmundson.

BAND.

a. Band Music.—The fundamentals of music, pitch, staff, clefs, time, signatures, scales, keys, etc., and the playing on instruments. Private instruction **a** and **b** are the equivalents required. Three hours, first and second semester.

b. Concert Band.—The course is adapted to those who have had some musical training, but who are not able to play high grade music. The course considers how to interpret music, style, embellishment, expression, tone, time, breathing, and

other details. Three hours. Two hours credit first and second semesters.

c. Concert Band.—Open for those who have completed courses **a** and **b.** Public playing a feature. Individual members will be trained in the art of conducting. Three hours, first and second semesters.

SPECIAL BAND COURSE FOR WOMEN.

In view of the fact that band courses for women have been successfully conducted in other schools, a class will be organized if there are enough applicants. Three hours, two hours credit, first and second semesters.

PRIVATE INSTRUCTION.

(Including all band instruments, double reed, and bass viol).

a. Major Scale.—Arpeggios and easy exercises.

b. Minor Scale.—Arpeggios and exercises in the minor mode.

CORNET.

This instrument can be confidently recommended. It offers opportunity for practical use, and everywhere fair returns in wages. The students who play this instrument can well afford to take private lessons, which should precede work.

Note.—It would be well for those who do not have an instrument, and who intend purchasing one, to consult the instructor.

CLARINETTE.

Lessons on this instrument will be given by Mr. Edward Zabrinski.

ORCHESTRA.

Professor Gudmunson.

a. Foundation Work.—Students entering this work must be able to play their instrument so that no time will be taken from the class for fundamental instructions in playing, which should already have been learned in private lessons. Material

used: Easy arrangement of overtures, operatic selections, dances and miscellaneous music. Four hours practice; two hours credit, first semester.

b. Foundation Work.—Continuation of overtures, selections, etc., from the masters, especially from Mozart, Hayden, Four hours practice. Two hours, second semester.

c. Concert Orchestra.—This organization takes part in the concerts and various entertainments where the extent of the school orchestra work can be judged. Thirty members constitute the present membership. Students who have had experience sufficient to take this work may do so, provided the instrumentation of the orchestra will be correct. Three hours practice; two hours credit, first semester.

d. Concert Orchestra.—Continuation of course **c.** Three hours practice; two hours credit, second semester.

Harmony c and d.—A course in form and composition will be given three hours each semester.

DIPLOMAS.

A diploma will be given to students who have forty hours in instrumental or vocal music, provided that credits in the following courses have been obtained.

English	20 hours
History, Science, and Mathematics	30 "
Harmony and Composition	10 "
Modern Languages	8 "
Orchestra or Band / Vocal Class	12 "
Instrumental or Vocal	38 "
Theology	24 "
Total	142 hours

SPECIAL CERTIFICATES.

Where vocal or instrumental work has been successfully done by a student, the Music faculty on being satisfied as to his general maturity of character and his attainments in English and history, may award him a special certificate in his line of work.

The School of Arts and Trades.

It is the purpose of this school to develop power of brain, strength of character, and skill of hand in men and women. With the arts and trades as a medium—the innate activity is cultivated, and a manual training or skill-of-hand promoted, that is necessary to the craftsman or mechanic of this age. Because of the influence objective nature has upon the productive sense, we see fit to cause the brain to be sensitive to all beauty, that there may be true grace as well as true form in construction. We hold that good taste is the very corner stone of the department of Domestic Economy, and that this element should exist throughout all the other departments. In an upbuilding country, learned, skilled builders are needed. All real homes must have women of practical education in household economics.

In the art work, opportunity is given to the student who wishes to become an artist; to him who wishes to apply art to mechanism—in other words, make of himself an artist-craftsman; and to him who is fitting himself for teacher or for supervisor.

In the trades and crafts work, the fundamental principles of construction are given in all the lines of work offered; and the work is especially adapted to the conditions and opportunities of this region of country. Emphasis is placed upon the study and possibilities of native materials and their use in industrial work.

In a number of the trades, in domestic science, and in domestic arts, excellent opportunities are given to young men and young women who wish to fit themselves for these vocations of life. The carpenter, the blacksmith, the dressmaker, the milliner, and the cook, will all receive that definite help in method and practice which is needed to make them experts in their work.

In establishing trades work, much will be done to perpetu-

ate and develop western industrial pursuits; while a knowledge of the relationship of arts and crafts will promote an all-round develpoment of character, and result in acquired skill and refinement.

Following are the departments under the school of Arts and Trades:

Department of Art, embracing Drawing, Design, Draughting, Painting, Illustrating, and Studio work, and offering two courses:

(a) Regular Art, covering four years, including collateral High school studies, and leading to a diploma.

b) Draughting and Architectural Drawing, covering four years, including collateral High school studies, and leading to a diploma.

Department of Commercial Painting and Decoration, embracing house painting, interior finishing, fresco painting, scenery painting, sign painting, window decoration and general commercial display work. Courses arranged on application.

Department of Trades, embracing Woodwork and Ironwork, and offering two courses:

(a) Regular Woodwork, covering four years, including collateral High school studies, and leading to a diploma.

(b) Practical Mechanics, covering four years, and including Woodwork, Ironwork and collateral High school branches, and leading to a diploma.

Department of Household Economics, embracing Cooking and Domestic Science, Sewing and Domestic Art, Dressmaking and Millinery, and offering a Home Course, covering four years, embracing collateral High school studies, and leading to a diploma.

Note.—The department of Art is preparatory to the department of Fine Art of the College. The department of Trades is preparatory to the department of Engineering of the College.

ENTRANCE REQUIREMENTS.

Students who do not present certificates of graduation from the eighth grade, must pass entrance examination identical with those of the High school.

GRADUATION.

Diplomas are offered for the following courses:

Regular Art, four years, requiring 144 hours credit.

Draughting and Architectural Drawing, four years, requiring 144 hours credit.

Regular Woodwork, four years, requiring 144 hours credit.

Practical Mechanics, embracing Ironwork, four years, requiring 144 hours credit.

Domestic Economy, four years, requiring 144 hours credit.

EXHIBITIONS.

A special room is set apart for exhibit purposes. The work of the school is constantly on exhibition for the public as well as for the students of the University.

The University Gallery of Art, comprising works of eminent Utah artists, is open regularly for the benefit of students and the public.

The Annual Exhibition of Arts is held during commencement week.

Each graduating student of the school of Arts and Trades has the privilege of exhibiting his work.

REGULAR ART COURSE.

First Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
English a	5	English b	5
Drawing a	2	Drawing b	2
Physiography a	3	Woodwork a or Domestic Art a	2
Studio Work	2	Studio Work	3
Elective*	5	Elective*	5
	20		20

Second Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology c	3	Theology d	3
English c	4	English d	4
Mathematics	3	Mathematics	3
Drawing c	2	Drawing d	2
Studio Work	4	Studio Work	4
Elective*	4	Elective*	4
	20		20

Third Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology e	3	Theology f	3
English e	3	English f	3
Draughting a or Studio Work	2	Physiology a	5
Zoology a	5	History b	3
Botany a	2	Studio Work	4
History a	3	Elective*	2
Elective*	2		
	20		20

Fourth Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology g	2	Theology h	3
English g	2	English h	2
History c	3	History d	3
Painting a	2	Painting b	2
Studio Work	5	Studio Work	5
Elective*	6	Elective*	5
	20		20

Note.—Candidates for Normal courses in Fine art will consult the Principal of the Normal school.

*Electives may be chosen from any of the Secondary schools, with the advice and consent of the Principal.

COURSE IN DRAUGHTING AND ARCHITECTURAL DRAWING.

Students taking this course will follow the Regular Art Course, making necessary substitutions under the direction of the Principal of the school and the Professor of Mechanical Drawing.

GENERAL WOODWORK COURSE.

First Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
Mathematics a (Algebra)	5	Mathematics b (Algebra)	5
English a	5	English b	5
Woodwork a	4	Woodwork b	4
Elective*	3	Elective*	3
	20		20

Second Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology c	3	Theology d	3
Mathematics d (Geometry)	3	Mathematics c (Algebra)	4
Design a	2	Draughting b	4
Draughting a	4	Mathematics e (Geometry)	3
Woodwork c	4	Woodwork d	4
Elective*	4	Elective*	2
	20		20

Third Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology e	3	Theology f	3
Mathematics f (Geometry)	3	Draughting d	3
Shopwork	4	Woodwork f	4
Draughting c	4	Shopwork	2
Woodwork e	4	Elective*	8
Elective*	2		20
	20		

Fourth Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology g	3	Theology h	3
English c	4	English d	4
Draughting e	4	Draughting f	4
Woodwork g	4	Woodwork h	4
Elective*	5	Elective*	5
	20		20

*Electives may be chosen from any of the Secondary schools, with the advice and consent of the Principal.

COURSE IN PRACTICAL MECHANICS.

Students taking this course will follow the General Woodwork Course, making necessary substitutions under the direction of the Principal of the school and the Director of the department of Trades.

DOMESTIC SCIENCE COURSE.

First Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
English a	5	English b	5
Physiography a	3	Physiography b	3
Domestic Science a	2	Domestic Science b	2
Domestic Art a	2	Domestic Art b	2
Drawing a	2	Design a	2
Elective*	3	Elective*	3
	20		20

Second Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology c	3	Theology d	3
Mathematics a	5	Mathematics b	5
English c	5	English d	5
Domestic Science c	2	Domestic Science d	2
Dressmaking a	2	Dressmaking b	2
Elective*	3	Elective*	3
	20		20

Third Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology e	3	Theology f	3
English e	3	English f	2
Chemistry a	5	Physiology a	5
Botany a	2	Botany b	3
History a, or elective	3	History b, or elective	3
Domestic Science e	2	Domestic Science f	2
Domestic Science g	2	Domestic Science h	2
	20		20

Fourth Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology g	3	Theology h	3
Psychology a	5	Physics a	5
History e	5	History f	5
Nursing a	2	Nursing b	2
Elective*	5	Domestic Science i	2
		Elective*	3
	20		20

*Electives may be chosen from any of the Secondary schools, with the advice and consent of the Principal.

DOMESTIC ARTS COURSE.

First Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
English a	5	English b	5
Physiography a	3	Physiography b	3
Domestic Art a	2	Domestic Art b	2
Domestic Science a	2	Domestic Science b	2
Drawing a	2	Drawing b	2
Elective*	3	Elective*	3
	20		20

Second Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology c	3	Theology d	3
Mathematics a	5	Mathematics b	5
English c	5	English d	5
Domestic Arts c	2	Domestic Art d	2
Domestic Science c	2	Domestic Science d	2
Design a	2	Design b	2
Elective*	1	Elective*	1
	20		20

Third Year.

First Semester.		Second Semester.	Hrs.
Theology e	3	Theology f	3
English e	3	English f	2
Physics a or Chemistry a	5	Physiology a	5
Botany a	2	Botany b	2
Dressmaking a	2	Dressmaking b	2
Domestic Art e	2	Domestic Art f	2
Millinery a	2	Millinery b or elective	2
Elective*	2	Elective*	2
	20		20

Fourth Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology g	3	Theology h	3
English g	3	English h	3
Nursing a	2	Nursing b	2
History a	3	History b	3
Dressmaking c and e	4	Dressmaking d and f	4
Domestic Art g	2	Domestic Art k	2
Domestic Art h	2	Shop Practice	2
Elective*	1	Elective*	1
	20		20

*Electives may be chosen from any of the Secondary schools, with the advice and consent of the Principal.

DEPARTMENT OF ART.

Professor Eastmond.
Assistant Professor Young.
Instructor Huish.
Instructor Young.
Instructor Laney.
Instructor Barrett.

DRAWING.

a and b. Form Study.—Composition in line, in dark and light, representation in clay. Nature or motive drawing. Leaves, flowers, fruit applied in pictorial composition and in design. Object drawing. Simple mechanical drawing may be introduced. Circular perspective, light, shade and texture color study. (Application of above in Christmas souvenir work.) Freehand perspective: distance represented in line, form, tone and atmosphere. Object sketching; motives for landscape illustration. Illustrative sketching; (Application of whole in cover designs and illustrated booklet.) Materials: paper, pencils, water colors, charcoal. Laboratory fee, 50c. Two hours credit throughout the year.

c and d. Art work continued. Object drawing continued. Possibilities of mediums. Representation in clay may be continued. Blackboard work. Composition in picture making continued. Decorative art work continued. Study of artists and their works. Water color painting. Two hours credit throughout the year. Required: Drawing **a** and **b** or the equivalent.

Elementary drawing and form study are taught in a special studio. The courses are designed with facilities tending toward refinement. Object study from nature is emphasized in order that the conceptive and creative faculties may be built up and trained. The courses are closely associated with Fine Art, and supplementary to Design.

DESIGN.

a and b. Elementary.—This course is introduced to benefit students of all lines of manual arts. The principles of art as applied to form and decoration of mechanism and handicraft; geometric unity correlation of art and crafts; wood carving, pyrography, leather work, furniture design, and staining. Attention is given to the beauty of form and line in nature for subjective use. Adaptation of ornament to geometric form. Two hours credit throughout the year. Drawing **a** is required for this course.

c. Costume Design.—Study of the model form; pose drawing; adaptation of costume to the figure; study of drapery; color study; draughting of costume. Required: Drawing a, or one hour Studio work. Two hours, first and second semesters.

d. Applied Design.—Advanced. Hours arranged with director, second semester.

Note.—Design **a** is subject to division into two sections, **a1** for gentlemen and **a2** for ladies. This division is necessary as the respective students correlate with different phases of construction and apply the principles of art to different lines of material.

STUDIO WORK.

Outlines of work, and general instructions will be given by the director of the department. Special attention is given to the student by the professors and instructors and courses and lines of work are adapted as to qualifications and possibilities in regard to special desires and aptitudes. The studios are becoming fully equipped for all possible courses—both general and individual. The student on entering the studio, of course, pledges earnest work and mutual consideration. The studios are placed into the hands of the workers therein under the educational guidance of the teachers in charge. The opportunities are many in regard to the gaining of knowledge in art, because of the continual initiative of the instructors. The teaching done here is, in many ways, the same as private les-

sons. Requirements,—Design **a** and **b**, Drawing **b**, or equivalent, materials and mediums. Hours arranged with instructor.

Note.—For efficient studio work done elsewhere, the student may receive credit. Criticism is given to advanced students on any special line of work in fine or applied art. The work must be exhibited at a regularly specified time for criticism, that the art students as well as the specialist may receive help.

The aim of organizing Studio work is to give opportunity for the development of a student's personality in art. Students may elect few or many hours as they desire. The Fine Art studio is open at all times, even in the evening, for use. An instructor is in charge and gives continual assistance. Various lines of work are used such as tone study in charcoal, pen and ink drawing, watercolor and oil painting.

DRAUGHTING.

a and b. Mechanical Draughting.—Use and care of instruments, mounting of paper, lettering, geometric figure drawing, projection, intersection of solids and development of surfaces. To be continued throughout the year. Text Book: Architectural Drawing; by C. F. Edminster. Four hours credit each semester.

c and d. Architectural Drawing.—Projection of shadows, instrumental perspective. To be continued throughout the year. Required: **a** and **b**. Text: Architectural Drawing by C. F. Adminster. Four hours credit each semester.

c and d. Machine Design.—This course begins with the drawing of elementary parts of machines. Plan and elevation drawings; methods of representing sections concluded with finished drawings for the patern shops. Required: Draughting **a** and **b**. Continued throughout the year. Four hours credit each semester.

e and f. Architectural Drawing.—Orders of architecture.

Line and wash rendering. Working drawings; plans, elevations, details. Continued throughout the year. Required: Draughting c and d. Text book: "Architectural Drawing," by C. F. Edminster. Four hours credit each semester.

DEPARTMENT OF COMMERCIAL PAINTING AND DECORATION.

Professor Eastmond.
Instructor ————————

Because of the demand for practical knowledge in the various lines of applied painting, this department has been established to benefit students who desire to adapt their art education to remunerative means to a higher educational end.

Courses may be arranged in house painting, and all lines of fresco painting, interior finishing, scenery painting, sign painting. Qualifications and courses will be arranged on application of candidates to the Professor of the department.

The work done in this department is of a practical nature. Students are in many instances allowed to do work outside, oftimes for remuneration. Actual interior painting, fresco-painting, etc., are carried on continually, so that the student has every opportunity to make his education in this line connect closely with trades-work, when the courses shall be completed.

A stage with all necessary appliances for the accommodation of scenery, has been built in the school, so that the student in this line is at a great advantage. A scenic studio is in operation away from the stage proper.

Even though the practical side of this line of work is emphasized, we still have in mind the education and training of the student from the humanitarian standpoint. He is held to the necessary collaterals, such as English, geometry, etc., lest he become narrow-minded in his genius-craft. The painter should have mind development as well as skill in his work.

DEPARTMENT OF TRADES.

Assistant Professor Laney.
Instructor Anderson.
Instructor Young.
Instructor Glazier.
Instructor Huish.

WOODWORK.

a and b. Elementary Woodwork.—Sharpening, adjusting, care and use of tools; practice in sawing, ripping, planing, mortising, tennoning, and a line of simple joinery and cabinet work. Ten hours' practice each week with four hours credit each semester.

c and d. Elementary Woodwork.—This course embraces the application of the principles given in **a** and **b**, to making articles of cabinet work. Saw filing will be given. Required: Woodwork **a** and **b** and Draughting **a** and **b** as a collateral. Ten hours practice each week. Four hours credit each semester.

e and f. Advanced Woodwork.—Theory of building from drawings. Harmony and proportion, plain stair-building, roofing and a general line of cabinet and carpenter work. Required: Woodwork **c** and **d**, and Draughting **c** and **d**. Ten hours practice each week, four hours credit. Continued through the year.

g and h. Machine Work.—Students specialize in cabinet or house work. Ten hours practice each week. Required: Woodwork **e** and **f**, and Draughting **e** and **f**. Four hours credit each semester.

Shopwork.—A course adapted to the wants of students who need more practice along certain lines wherein they are weak. Four hours each week, with two hours credit each semester.

IRONWORK.

a and b.—Explanation of tools and materials. Squaring, welding, twisting. Elementary principles of blacksmithing.

Students will have practice in the making of common, useful articles, such as rings, chains, hooks, bolts, nuts, chisels, nail sets, fire tongs, etc. Steel work. The tempering of steel. It is recommended that Design **a** be taken as a parallel course. Four hours credit throughout the year.

c and d. Either of the following courses may be given: 1. Continuation of forging. The making of tools, such as wrenches, picks, hammers, etc. Advanced work in steel; steel and iron welds, springs, tire setting and scroll work. Two hours credit throughout the year. 2. Machine shop work. This course includes the following: filing, chipping, and hand fitting.

Lathe work is designed to cover all the ordinary operations in turning to form, boring and chucking in the lathe. The grinding of tools, thread-cutting, eccentric and face-plate work. Polishing and good finish is required upon all machine work.

Instruction in the use and care of machinery is given throughout the course. Draughting **a** or Design **a** should be taken as a parallel course. Four hours credit throughout the year.

e and f. Continuation of **c** and **d**, advanced. Four hours credit throughout the year.

g and h. Carriage Building.—Machine construction continued. Four hours credit throughout the year.

DRESSMAKING.

The course is designed to fit young women for home work. In this department, work is done for the public as in regular establishments. The advanced students are allowed to do some of this outside work under the supervision of the teacher and may receive remuneration. The designing of dresses is studied from an artistic point of view, giving the opportunity to use originality, good judgment, and taste in adapting fashions to the form. The student is required to study physiology and physical culture as a means of understanding that the costume should be fitted to the well-developed, well-proportioned form, and not the form fitted to the costume.

a and b.—Shirt waists, collars, cuffs, drop skirts, and plain outside skirts. Domestic Art **a** and **b** required. Draughting and developing of patterns. Trimming with lace, shaping yokes, etc. Making of fine white waists. Dressmaking **a** required. Two hours credit throughout the year.

c and d.—Pattern draughting continued. Making of cloth skirts. Making of summer dresses. Skirts and jackets, tailor made dresses. Foregoing courses in dressmaking are required. Two hours credit throughout the year.

e and f.—Making of wrappers, house dresses and children's clothes. Making of light lined dresses and fancy trimming. Two hours credit throughout the year.

SHOP PRACTICE.

We offer 16 hours credit in practical dressmaking. Two or four hours may be taken at a time, and students will be given special individual instruction.

In this department work is done for the public as in regular establishments. The advanced students are allowed to do some of this outside work under the supervision of the teacher and may receive remuneration. The designing of dresses is studied from an artistic point of view, giving the opportunity to use originality, good judgment, and taste in adapting fashions to the form.

MILLINERY.

Students are quired to furnish their own materials for hats as needed. All hats made belong to the students furnishing the materials.

a.—This course involves foundation work, and gives practice in building frames both of buckram and wire; illustrating the difference between the winter and summer classes of work; giving special attention to the study of outline from the selection of fabrics, and a general course of study in the different uses to which they may be applied; also takes up a considera-

tion of native and foreign constructional material. Two hours, first semester.

b.—Continuation of a, including a study of the artistic, the blending of colors, and general harmony of outline; the development of originality, use of trimming and consistency of subject. Two hours, second semester.

DEPARTMENT OF HOUSEHOLD ECONOMICS.

Professor Ward.
Professor Young.
Instructor Elliot.
Instructor Barrett.
Instructor Parkinson.
Instructor Mortensen.

DOMESTIC SCIENCE.

The Domestic Science department aims to teach the girl how to prepare food that is attractive and appetizing, and to serve it according to the best form.

It aims to teach true economy; i. e., how to make the best use of everything at hand, and waste nothing.

It aims to teach the needs of the human body, what materials are best suited to supply it under the varying conditions of life, and how to prepare them so as to be most wholesome; in a word, to prepare the girl that she and those who depend upon her, may avoid a large per cent of the sickness and shortened life, that would otherwise befall them.

It aims to elevate the standard of home work, to prepare the girl for home-making, believing that the happiest home and the one in which the noblest and truest manhood and womanhood will be nurtured, is the one where the mother is educated for her position. Following courses are offered:

a. **Foods.**—An inductive study of food materials and fundamental principles of cookery. Practice given in cooking vegetables, cereals, and meats. Two hours, first semester.

..b. **Foods.**—Continuation of **a**. Practice in making bread, cake, salads and desserts. Two hours, second semester.

c. **Home Sanitation.**—This course deals with the home as a factor in health, and includes a study of the following topics: Situation, structure, heating and ventilating, water supply, disposal of waste, furnishing, and cleansing. Two hours, first semester.

d. **Household Economics.**—The house, its plan, furniture, decoration, and care. Two hours, second semester.

e. **Dietetics.**—Food materials studied from the following standpoints: classification, nutritive value, digestibility, cost, and changes produced in cooking. Required: Chemistry **a**. Two hours, first semester.

f. **Dietetics.**—Continuation of **e**, considering age and different conditions in life upon the amount and kind of food needed by the body. Two hours, second semester.

g. **Cooking.**—Putting up fruit and preparing soups, entrees, fish, and poultry. Two hours, first semester.

h. **Cooking and Serving.**—The planning, cooking, and serving of meals with practice in making fancy breads, pastry, cakes, salads, and ices. Required: Domestic Science **e** and **f**. Two hours, second semester.

i. **Invalid Cookery.**—The principles of feeding in disease with practice in preparing food for the sick and convalescent. Two hours, second semester.

DOMESTIC ART.

Each student must see that she is provided with the required material for needlework. By judicious foresight .she may do work for others, thus lessening her own expenses.

a. Hand Sewing.—The various stitches and their application. Elements of sewing, their application in making of simple articles of clothing. Study of material. Darning and mending. Two hours, first and second semesters.

b. Machine Sewing.—Study of the mechanism of the sewing machine and its care. Elements of sewing and their application in making lingerie; scientific development of patterns; study of material; darning and patching continued. Two hour period two times a week, first and second semesters.

c. Hand and Machine Sewing.—Continuation of **b.** Two hours, three times, first and second semesters.

d. Art Needlework.—The work here is largely imitative. Mexican drawn-work, Teneriffe lace. Required Drawing **a**, Domestic Art **a**. Two hours, first semester.

e. Crocheting and Knitting.—Two hours, second semester.

f. Modern Point Lace.—Lace stitches and elementary study and development of designs applicable to point lace. Various pieces of lace made after original designs, by students. Supplementary study: Lace, its history and classification. Requirements, Domestic Art **a** and Design **a**. Two hours, first and second semesters.

g. Point and Bobbin Lace.—Continuation of **f.** Two hours, first and second semesters.

h. Embroidery.—Simple embroidery stitches and their use in decoration of fabrics. Study of embroideries developed by different nationalities. Development of design of similar character by students. Application of same in articles of embroidery. Study of color and decorative design. Required, Domestic Art **a** and Drawing **a**, Design **a** and **b**. Two hours, first and second semesters.

i. Embroidery.—Advanced work. Study of embroidery as developed by the different nationalities. History of embroidery. Color harmony and design. The latter includes water color studies of flowers as an essential preparation for embroid-

ering natural designs. Requirements: Domestic Art **a** and **b** and Drawing **a** and **b**, Design **a** and **b**. Two hours, first and second semesters.

j. Art Needlework.—Advanced work in all of the above subjects. Design and color continued. Two hours, first semester.

k. Art Needlework.—Continuation of advanced work. Two hours, second semester.

Note.—See High school catalogue for explanation of other courses.

The School of Agriculture.

The science of Agriculture has grown rapidly during the last few years. The man who understands his work can now make a better and easier living on the farm than in most of the over-crowded professions. Moreover, there is a steadily growing demand for teachers of Agriculture and for agricultural investigators and experts. Clear-headed young men who are reading the signs of the times, will qualify themselves for agricultural work, and thus reap the profits, financial, intellectual, and moral, that are awaiting those who join the most rapidly growing profession of the day.

This school gives instruction in practical and theoretical Agriculture, Horticulture, and Animal Husbandry. It aims especially to prepare young men for actual and profitable work on the farm, but it also provides for the training of teachers of Agriculture, and of the diffusion of agricultural information among all classes of students.

A four-year high school course in Agriculture leading to a diploma is offered to the regular students of this department. Those who complete the prescribed subjects are prepared for practical work on the farm or for the teaching of Agriculture. The course is so arranged that graduates from it, who desire college work, have the necessary preparation for entering the best colleges of the land. A two-year course, leading to a certificate, is also offered for those who are unable to give more time to school work, and who wish to prepare themselves as well as possible, for sucessful farm life. This course differs from the high school course in that it contains fewer subjects of general educational value.

Besides these regular courses, special Farmers' Courses of five weeks each are given to ambitious farmers, who are willing to sacrifice that much time in order to learn some of the mod-

ern revelations concerning Agriculture. These courses begin about November 25 and February 11 of each year. Special students, who desire simply a general acquaintance with modern Agriculture, are also welcomed.

A competent and well equipped faculty in Agriculture has been secured. The teachers have had considerable experience in the teaching and practice of this important science. Besides, they have all had first-class scholastic training. They are all western men, and understand western conditions.

The work in the school of Agriculture is thoroughly modern, and especially adapted to western needs.

COURSE IN AGRICULTURE.

First Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
Mathematics a	5	Mathematics b	5
English a	5	English b	5
Physiography a	3	Physiography b	3
Agriculture a (Elementary)	4	Animal Husbandry a	4
	20		20

Second Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology c	3	Theology d	3
Mathematics d (Geometry)	3	Mathematics e	3
English c	4	English d	4
Zoology a	5	Physiology a	5
Horticulture a	2	Horticulture b	2
Woodwork	1	Ironwork	1
Animal Husbandry b	2	Animal Husbandry c	2
	20		20

Third Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology e	3	Theology f	3
English e	3	English f	3
Physics a	4	Physics b	4
Botany a	2	Botany b	2
Agronomy a	4	Veterinary Science a	3
Elective	4	Elective	5
	20		20

First Semester.	Hrs.		
Theology g	3	Theology h	3
English g	3	English h	3
Chemistry a	4	Chemistry b	4
Elective 10	10	Elective	10
	20		20

TWO YEAR COURSE IN AGRICULTURE.

First Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology a	3	Theology b	3
English a	5	English b	5
Mathematics a	5	Mathematics b	5
Agriculture a	4	Animal Husbandry a	5
Carpentering	3	Animal Husbandry c	2
	20		20

Second Year.

First Semester.	Hrs.	Second Semester.	Hrs.
Theology c	3	Theology d	3
English c	4	English d	4
Bookkeeping a	5	Veterinary Culture a	3
Horticulture a	2	Civics	2
Agronomy a	4	Ironwork	4
Horticulture g	2	Horticulture b	2
	20	Animal Husbandry b	2
			20

*Electives may be chosen from any of the Secondary schools, with the advice and consent of the Principal.

AGRICULTURE.

Professor Homer.
Professor Peterson.
Assistant Professor Spaulding.

GENERAL AGRICULTURE.

a. **Elementary.**—This course deals with the fundamental principles underlying the profitable production of animals and plants; including a comprehensive study of soils and the proper treatments that they should receive in order to give the largest and best crops. The instruction is given by lectures and recitations. One period a week is devoted to laboratory work in which demonstrations are made of the principles discussed in the class room. This course is a necessary introduction to all the succeeding courses in agriculture. Four hours, first semester.

HORTICULTURE.

a. **General Horticulture.**—This course includes the study of the principles of fruit-growing, with practice in the propagation and care of plants; the consideration of practices in orchard management, handling, packing, storing, and marketing of crops; and adaptation of varieties to climate, soil, etc.; practice in describing, classifying and judging fruits; exercises on the growing and marketing of vegetables and greenhouse crops; visits to orchards and nurseries. The splendid orchards within a short distance of the University offer great help for the students of this course. Three hours, first semester.

b. **General Horticulture.**—Continuation of a. Two hours, second semester.

c. **Commercial Fruit and Vegetable Growing.**—This course is arranged for the wants of students who desire to go into fruit and vegetable growing on a large scale, or to specialize

along these lines of agriculture. The course will consist largely of the study of the successful commercial orchards and gardens in this neighborhood, and the examination of the literature on the subject. Four hours, first semester.

d. Commercial Fruit and Vegetable Growing.—Continuation of Horticulture c. Four hours, second semester.

e. Plant Diseases and Insect Pests.—A study of the habits and life history of the more common insects, especially those that are destructive to farm and orchard crops; methods of preventing or controlling their ravages; practice in the making of spraying mixtures and use of spraying apparatus. This course includes also a careful study of the more common diseases to which plants are subject, together with such remedies as are known at the present time. Two hours, first semester.

f. Plant Diseases and Insect Pests.—Continuation of course e. Two hours, second semester.

g. Farm Botany.—The aim of this course is to give the student some insight into the structure and life processes of the common plants found on the farm; the origin and development of plant organs and their functions. Two hours, first and second semesters.

ANIMAL HUSBANDRY.

a. Stock Judging.—A study of animal form and animal character, the intention being to familiarize the student with what is demanded in a dairy cow, in a driving or a draft horse; viz., things in an animal that stand for feeding quality, constitution, sexuality, production of milk, meat, work, wool, and speed, are considered. Craig's "Live Stock Judging" is used as a text, and the dairy, beef, driving, draft, wool, and mutton stuff in Utah county are used for demonstration purposes. Required of first year students in Agriculture. Four hours, second semester.

b. The feeding of Life Stock.—In this course are taken up the general principles that underlie the proper methods of feeding all classes of live stock. Special attention is given to proper combinations of feeding stuffs produced in the West. A study is made of the various feeds and their values for different kinds of live stock. Required of second year students in Agriculture. Smith's "The Feeding of Live Stock" is used as a text. Two hours, first semester.

c. Study of Breeds.—The study of the various breeds of cattle, horses, sheep, pigs, in regard to their origin, characteristics and economic value. Special emphasis is laid on breeds of livestock suited to our western conditions. Frequent excursions are made to leading pure bred herds of Utah and adjoining counties. Required of all second year students in Agriculture. Plumb's "The Study of Breeds" is used as a text. Three hours recitation, two hours credit, second semester.

d. Principles of Breeding.—A study of the principles of stock breeding, such subjects being taken up as herdity, variation, selection, atavism, cross-breeding, in-breeding, and the principles underlying fertilization. Elective to advanced students in Agriculture. Three hours, first semester.

e. Principles of Feeding.—A discussion of the laws of animal nutrition, digestion, assimilation, circulation, respiration, excretion, etc. The composition and digestibility of western feeding stuffs, feeding standards, calculation of rations and profitable practices in feeding for work, milk, etc. Elective. Three hours, second semester.

f. Agricultural Bacteriology.—In this course the study of bacteria in their relation to farm practices will be considered. Bacteria in the soil, air and water; in butter and cheese making; the fermentations of organic matter; care of the manure heap, etc. Four hours, first and second semesters.

AGRONOMY.

a. Soils.—Intended to familiarize the student with the general problems pertaining to soils. Special attention being given to western conditions. Includes a study of the formation, classification, and distribution of soils, with reference to their value agriculturally. Problems of soil fertility and methods of controlling it. A study is made of the effect on soils of various methods of soil management and physical properties of soils, including their relation to air, water, and heat. Relation of soil texture to everyday farm practices, as plowing, drainage, irrigation, etc. A study is made of fertilizing materials, their source, and economic value. Special emphasis throughout this course is laid on conditions met with in handling western semi-arid soils. Hildgard's "Soils" is used as text, and is supplemented with lectures. Required of third year students in agriculture. Three recitations and one laboratory period weekly. Four hours, first semester.

b. Arid Farming.—This course is practically a continuation of Agronomy **a**. It is a study of the relation of plants and soils to very small quantities of water; and of the methods under which crops may be produced in the West without irrigation. Large arid farm districts in the neighborhood of the University, make possible a number of excursions for the purpose of studying directly, methods of sucessful arid farmers. Four hours, first semester.

c. Field Crops.—A study of the history, culture, value, harvesting, and preservation of various field crops. Studies are made of conditions affecting plant growth, and considerable time is spent in the study of various crop rotations. A special feature of the work is a study of the various Utah grains, especially in regard to their value from an arid farm standpoint. The course is intended to familiarize the student with characteristics and value of leading western varieties of wheat, oats, barley, and the various forage crops. Elective to advanced students in Agronomy. Three hours, first or second semester.

VETERINARY SCIENCE.

a. Elementary.—This course is devoted to a study of the proper care of domesticated animals, both in health and disease. A study is made of the common prevalant diseases, with their etiology, symptoms, diagnosis, and treatment. The course also considers sanitary measures for the prevention and suppression of disease. This subject is taught by lectures, text-books, and clinics held every two weeks. Three hours, second semester.

b. Sanitary Science.—This course consists in a study of the causes of disease, the manner in which disease is spread, the influence of climatic conditions, surroundings, ventilation, and drainage of quarters occupied by the various animals. Preventive measures are discussed, including disinfection, vaccination, quarantine, and methods of preventing and of suppression of infection diseases. Three hours, first semester.

c. Examination of Soundness.—This work consists of lectures and practical examinations. Methods of examining; what to consider as unsound and objectionable features, etc. Also a discussion as to the susceptibility to diseases and weakness of the anatomical makeup of animals in general. Two hours, second semester.

Clinics.—A free clinic is held at the University twice each month. All students taking any of the Veterinary courses are required to attend and assist in the work. The free examination and treatment of animals gives the student an opportunity to use the work of the class room in actual practice. Abundance of material will be furnished at each meeting.

Preparatory School.

Wm. H. Boyle, Principal.

Ashley Bartlett,
Carl Nelson,
Elmer Miller,
Geo. W. Larson,
Hugh M. Woodward,
Ernest G. Whitwood,
} Instructors.

The work of this school is adapted for young people below the High school grade who are somewhat advanced in years, and whose opportunities have been too limited to complete the public school curriculum as far as the eighth grade. There are no entrance requirements other than the dseire to work and the determination to be a lady or a gentleman. The studies are adjusted to the needs of the students. The work is not described as seventh, eighth, or any other specific grade; it is suited to the capacity of the students, whatever that may be. Special teachers are provided to assist those who are not prepared to enter regular classes.

Grown-up young people may enter this school without feeling the chagrin that often results from mingling with younger and smaller students in the public schools. Students of the Preparatory school have the same general privileges as those in the High school. The University is noted for the absence of scoial distinctions among its students.

GRADE AND TEXT BOOKS.

In the main, the work of the Preparatory school will be the same as the regular Seventh and Eighth grade work of the public schools. The text books adopted by the state will be used.

Prospective Graduates, 1907-8.

COLLEGE.

ETNA N. HOLDAWAY, Bachelor of Arts.
W. E. MORGAN, Bachelor of Arts.
SARAH E. PRESTON, Bachelor of Arts.
J. WM. ROBINSON, Bachelor of Arts.
EPHRAIM G. HUGHES, Bachelor of Arts.

NORMAL SCHOOL.

ALLEN, PEARL,
ANDERSON, J. F.,
ANDERSON, A. P.,
ANDERSON, MATILDA,
ASHMAN, A. J.,
BAIRD, SAMUEL,
BAKER, ROSETTA,
BAYLES, EMMA,
BEAN, MARGARET,
BECK, REID,
BRIMHALL, FAY,
BROCKBANK, J. ARCHIE,
BROWN, GERTRUDE,
CHIPMAN, LORENA,
CONDIE, HANNAH,
CROPPER, MARY,
DAY, HORACE E.,
ERICKSON, ELIAS W.,
HAFEN, ARTHUR,
HARMER, FLOSS,
HUNTSMAN, ANNIE,
HUTCHINGS, VERN,
JACKSON, NEWTON.
JENSEN, JAMES,
JOHNSON, FLORENCE,
JOHNSON, ELLIS E.
JOHNSON, SYLVIA,
JOHNSON, C. R.,
KELSEY, EFFIE,
LARSON, CURTIS,
LARSEN, GEO. W.,
LOVELESS, HAZEL,
McALLISTER, W. W.,
McMULLIN, R. W.,
MAIBEN, OLIVE,
METCALF, JOHN E.,

MILLER, ELMER,
MOORE, CLARA,
MOORE, LEILA,
MURDOCK, WM. P.,
NELSON, CARL,
NEWTON, W. RAY,
OBERHANSLY, HENRY,
PETERSON, HANS J.
REDD, EDITH,
REYNOLDS, POLLY,
SIMMONDS, DAVID G.,
SMITH, ETHEL,
SNELL, HEBER CYRUS,
SNOW, ANN,
SNOW, LULU,
STARR, NELLIE,
SWENSON, GEORGIA,
TAYLOR, LEE R.,
TEW, REBA,
WAKEFIELD, MAUD,
WALL, ALONZO E., JR.,
WHITING, MARGARET,
WHITWOOD, ERNEST G.,
WOODWARD, CARLOS,
WOODWARD, HUGH M.,
WOODWARD, R. L.
YOUNG, EDITH.

HIGH SCHOOL.

BAIRD, SAMUEL,
BORGQUIST, ERASMUS,
BOWEN, J. E.,
COTTAM, HEBER,
DIXON, VEDA,
EGGERTSEN, B. S.,
FOSTER, JOSEPH D.;
HARMON, LEVI N., JR.,
LARSEN, GEORGE W.,
McOMIE, ALEXANDER,
RAILE, HENRY,
RASMUSSEN, ADA
RASMUSSEN, FRANK L.
TAYLOR, ELI F.

COMMERCIAL SCHOOL.

DeGRAFF, CHARLES B.,
GREENE, JOHN T.,
GREENE, MARK H.,
HACKING, THOMAS WM.,
LOVE, C. W., JR.,
MELDRUM, G. GILBERT,
MITCHELL, D. R.,
NICHOLES, JOS. K.,
POULSON, EUGENE,
WELKER, CHLOE.

SCHOOL OF AGRICULTURE.

ALLRED, RODNEY,
CHRISTENSEN, JOHN S.,
McOMIE, ALEXANDER,
ROSE, HENRY,
SNOW, CHARLES, JR.

MUSIC SCHOOL.

CALL, WALDEMAR,
GRACE, HELEN,
LEWIS FERN,
SMITH, MARCELLUS.

SCHOOL OF ARTS AND TRADES.

GARDNER, LEROY,
HUISH, ALBERT E.,
JOHNSON, JUANITA.
LARSON, BEN[illegible] F.

Enrollment of Students.

JUNIORS.

Burridge, G. T., Provo.
Jacob, Elmer, Provo.
Jacob, Clarence, Provo.
Johnson, James, Provo.
Maeser, Sherwin, Beaver.
Manwaring, Hyrum, Mapleton.
Rasmussen, A. T., Spring City.
Walsh, John R., Farmington.

SOPHOMORES.

Ashworth, Claude, Provo.
Brown, Gertrude, Provo.
Burns, Fanny, Pima, Ariz.
Cluff, L. E., Provo.
Higgs, B. T., Provo.
Hickman, J. J., Provo.
Lewis, Fern, Spanish Fork.
Murdock, W. P., Heber.
Overlade, Arthur, Provo.
Reese, J. T., Frisco.
Rose, Henry, Central.
Schofield, Nellie, Provo.
Stewart, Roy M., Amite, La.
Whiting, Margaret, Mapleton.
Williams, S. W., Provo.

FRESHMEN.

Allred, Rodney, Lehi.
Allen, Pearl, Nephi.
Allen, Stephen, Nephi.
Alleman, Ida, Springville.
Anderson, J. F., Fillmore.
Anderson, A. P., Fillmore.
Anderson, Matilda, Fairview.
Ashman, A. J., Fillmore.
Baird, Samuel, Kanab.
Baker, Rosetta, St. Johns, Kas.
Barker, Anna, North Ogden.
Bartlett, Ashley, Vernal.
Bayles, Emma, Bluff.
Bean, Margaret, Provo.
Bearnson, J. B., Spanish Fork.
Beesley, J. O., Provo.
Beesley, Mamie, Provo.
Beck, Reid, Spring City.
Borgquist, Erasmus, Salt Lake.
Booth, John, Nephi.
Booth, Elizabeth, Beaver.
Bown, Birdie, Fayette.
Bowen, J. E., Spanish Fork.
Brimhall, Fay, Provo.
Brimhall, Faun, Provo.
Brooks, Cornelia, St. George.
Brockbank, J. A., Spanish Fork.
Bullock, Effie, Provo.
Buss, Fred, Provo.
Carpenter, Mabelle, Provo.
Carroll, Elsie C., Provo.
Chamberlain, Ellis, Provo.

Chipman, Lorena, Am. Fork.
Christensen, J. S., Am. Fork.
Condie, Hannah, Springville.
Cottam, Heber, St. George.
Cox, Ruth, Provo.
Cram, M. W., Provo
Cropper, Mary, Deseret.
Day, H. E., Fillmore.
DeGraff, C. B., Mt. Pleasant.
Dixon, Veda, Payson.
Eastmond, Bessie, Provo.
Edgel, Wm. Hoytsville.
Eggertsen, B. S., Provo.
Ericksen, E. W., Cleveland
Evans, G. H., Kamas.
Farnsworth, Amelia, Beaver.
Foster, J. D., Provo.
Gardner, H. E., Salem.
Gardner, Roy, Payson.
Garrett, J. O., Nephi.
Gilchrist, Olive Y., Provo.
Gourley, David, Provo.
Greene, M. H., American Fork.
Greene, J. T., Provo.
Hacking, T. W., Cedar Valley.
Hafen, Arthur, Santa Clara.
Harmon, L. N., Jr., Price.
Harmer, Floss, Springville.
Harris, Lottie, Provo.
Hicks, Bertha, Salt Lake.
Huntsman, Annie, Fillmore.
Huish, A. E., Provo.
Hutchings, Vern, Beaver.
Jacobs, Irvin, Provo.
Jackson, E. L., Provo.
Jackson, Newton, Provo.
Jensen, J. C., Heber.
Jensen, James, Spanish Fork.
Johnson, Sylvia, Pl. Grove.
Johnson, Florence, Provo.
Johnson, Juanita, Diaz, Mex.
Johnson, Ellis, Huntington.
Johnson, Adeline, Provo.
Kelsey, Effie, Springville.
Knudson, N. W., Provo.
Larsen, G. W., Pleasant Grove.
Larsen, Curtis, Pleasant Grove.
Lemon, Olive, Marion.
Love, C. W., Provo.
Loveless, Hazel, Provo.
McAllister, W. W., St. George.
McMullin, R. W., Leeds.
McOmie, Alex., Lehi.
Maiben, Olive, Provo.
Meldrum, G. G., Provo.
Metcalf, John, Gunnison.
Miller, Elmer, Spanish Fork.
Mitchell, D. R., Am. Fork.
Moore, Clara, Payson.
Moore, Leila, Payson.
Mortensen,LaVerne,Sanford,Colo.
Nelke, Miriam, New York.
Nelson, Carl, Provo.
Newton, W. R., Mona.
Nicholes, J. K., American Fork.
Nielson, Sina, Fairview.
O'Brien, J. W., Provo.
Oberhansly, Henry, Clinton.
Owens, J. A., Fillmore.
Packard, B., Springville.
Peterson, H. J., Hooper.
Peterson, Hermes, Provo.
Potter, Pearl, Provo.
Poulson, Moroni, Redmond.
Poulson, Eugene, Richfield.
Raile, Henry, Provo.
Rasmussen, Ada, Vernal.
Rasmussen, Eliz., Vernal.
Rasmussen, Frank, Fillmore.
Redd, Edith, Bluff.
Reynolds, Polly, Salt Lake.
Robertson, Struan, Orderville.
Rupper, Heber, Provo.
Simmons, Lee, Payson.
Simmons, D. G., Spanish Fork.
Smith, Ethel, Lund, Nev.
Smith, Henry, Payson.
Smith, Marcellus, Payson.
Snell, H. C., Cowley, Wyo.
Snow, Lulu, St. George.
Snow, Ann, Teasdale.
Snow, Chas., Jr., Teasdale.
Spencer, Bessie, Kanab.
Starr, Nellie, Springville.
Swensen, Georgia, Pl. Grove.
Tangreen, Albern, Moab.
Taylor, E. F., Goshen.
Taylor, Lee R., Salem.

Tew, Reba, Mapleton.
Thurman, Archie, Provo.
Vance, Serena, Provo.
VanWagenen, Hattie, Provo.
Wakefield, Maud, Huntington.
Wall, A. E., Castle Dale.
Welker, Chloe, Safford, Ariz.
Wentz, Lillie, Provo.
Whitwood, E. G., Spanish Fork.
Wilkins, R. A., Provo.
Woodward, Carlos, Huntington.
Woodward, H. M., Jensen.
Yardley, Belle, Beaver.
Young, Edith, Provo.

THIRD YEAR HIGH SCHOOL.

A.

Adams, Luella, Parowan....N
Allred, Clarence, Raymond, Canada .....N.
Allen, Clara, Provo.....A&T.
Andelin, Aubrey, Provo..H.S.
Anderson, N., Idaho Falls, Idaho ..... H.S.
Anderson, Alice, Fairview..N.
Austin, Victor, Idaho Falls, Idaho .....H.S.

B.

Baker, Wm., St. George....N.
Ballard, Laura, Snowflake, Ariz. .....A&T.
Barney, Florence, Provo....N.
Barrett, W. E., Provo.....C.
Bastian, G. M., Loa .....C.
Baxter, Lin, Silver.....C.
Baxter, Hugh, Pl. Grove.A&T.
Bayles, Caroline, Bluff..A&T.
Beck, Clarence, Am. Fork.H.S.
Bentley, Roy, Vernal.....N.
Berg, Wyman, Provo....H.S.
Bingham, Lester, Vernal..Agr.
Black, Chlo S., Fillmore....N.
Bonnett, Vivien, Provo.....N.
Booth, Arthur, Nephi .....C.
Bowman,O.C., Dublan,Mex. C.
Box, Lee, Provo..... C.
Brockbank, W. T., Sp. Fork.N.
Brown, Julia, Am. Fork....N.

C.

Call, W. A., Willard .....M.
Callaway, Georgia, Provo.H.S.
Calder, Mamie, Vernal.....N.
Carleton, Olive, Provo.....N.
Carroll, C. H., Orderville...N.
Carver, Cora, Plain City....N.
Chipman, Florence, American Fork .....A&T.
Chipman, Asenath, American Fork .....A&T.
Chipman, Fern, American Fork .....A&T.
Christensen, Homer, American Fork .....Agr.
Clark, Grace, Manti.....M.
Clayton, Margaret, Provo..N.
Collett, W. S., Vernal....Agr.
Cox, Mary, Provo .....A&T.
Cox, Elvira, Fairview...A&T.
Cox, Belva, Fairview....A&T.
Creer, Janie, Sp. Fork .....N.
Creer, Louie, Sp. Fork.....N.
Crooks, Goldie, Eureka..A&T.
Curtis, Irvin, Aurora ....Agr.

D.

Dalby, Ivan C., Levan.....N.
Dalby, Alma C., Levan...H.S.
Dixon, H. A., Provo.....H.S.
Dixon, F. C., Payson.....Agr.
Done, Ivy, Payson.....N.
Dorton, Edna, Lehi.....C.
Driggs, W. K., Pl. Grove...M.
Duke, Mabel, Heber.....N.
Duke, Anna, Heber .....N.

E.

Ellertson, Jesse, Mona. ....N.
Ellertson, Eva, Mona...A&T.
Ellsworth, Jesse, Payson.H.S.
Ewell, Pauline, Santaquin A&T.

F.

Ferguson, Caroline, Lake Shore .....N.
Finch, Harold, Sp. Fork....N.
Finlayson, Hazel, Provo....N.
Finlayson, Vivia, Provo....N.
Foster, G. W., Provo....H.S.
Fowler, W. R., Provo...A&T.
Fowler, D. A., Provo.....N.

G.

Gardner, A.O., Pine Valley Agr.
Gardner, Vina J., Pine Valley .....N.
Gardner, A. D., Lehi .....H.S.
Glade, Sadie R., Provo.....Sp.
Grace, Helen, Nephi.....M.

H.

Halliday, J. L., Provo.....C.
Hammond, Clyde, Moab.H.S.
Hanks, Mae, Am. Fork.....N.
Hardy, Thethe, Provo...H.S.
Harrison, Eva, Pocatello, Idaho .....H.S.
Haws, Jesse, Provo.....C.
Heder, Maude, Dublan, Mexico .....A&T.
Helm, Seth, Manassa, Colo.C.
Henrie, D. A., Provo.....M.
Henry, Dora, Oasis .....M.
Henline, Hiram, Provo.....C.
Hiatt, Lamecia, Salem.....N.
Hill, Reuben, Springville.Agr.
Hinckley, J. R., Provo....Agr.
Hooley, Wm., Pl. Grove.A&T.
Holt, W. D., Sp. Fork.....M.
Holindrake, Ida., Am. Fk...N.
Holdaway, Fern, Provo..H.S.
Holdaway, Hugh, Aurora H.S.
Homer, Edith, Logan...A&T.
Houtz, Zula, Provo .....H.S.
Hunter, J. G., Am. Fork..H.S.

I.

Iverson, Minnie, Salem.....N.
Irvine, Daisy, Provo.....Sp.

J.

Jensen, Peter, Oasis.....N.
Johnson, Florence, Pl.Grove.N.
Jones, T. C., Byron, Wyo...C.
Jones, Mary D., Provo..A&T.

K.

Keeler, Karl F., Provo ...H.S.
Killpack, Irene, Ferron.....N.
Kilfoyle, Fred, Manti....A&T.
King, E. E., Fillmore....H.S.
Kirk, Horton, Pl. Grove....C.
Knowlton, Hazel, Farmington .....A&T.
Knudson, Edna, Provo..A&T.

L.

Lee, Rose, St. George...A&T.
Leetham, Golden, Provo...C.
Leetham, Kitty, Provo.....N.
Lichfield, Zella, Provo..A&T.
Lindsay, Mabel, Heber.....N.
Losee, Chastie, Tropic....N.
Lott, Hyrum, Huntington .....H.S.
Lott, Adelbert, Huntington .....H.S.
Love, H. E., Provo.....C.

M.

McCullough, Jesse, Provo..C.
McKell, W. E., Sp. Fork..C.
McKell, I. J., Sp. Fork....C.
McOmie,MyrtleB.,Nephi A&T.
Madsen, E. M., Provo.....C.
Maughan, W. H., Wellsville .....N.
Meldrum, T. B., Provo....C.
Miner, Paul, Springville..H.S.
Moore, W. H., Payson.....N.

N.

Nelson, Mae, Preston, Ida..N.
Nixon, J.W., Huntington.H.S.
Noble, Pearl, Alpine, Arizona .....A&T.
Noyes, Lyman, Provo.....C.

O.

Olsen, J. L., Moroni.....C.
Orwin, Lottie, Provo.....C.

P.

Pack, E. M., Kamas.....H.S.
Parker, Sarah, Am. Fork...N.
Pathe, Roy, Bakersfield, Cal. .....H.S.
Paxman, Ida, Provo.....A&T.
Peterson, Azua, Mapleton..N.
Peterson,Josephine, Mapleton ..... N
Poulson, E.S., Pl. Grove.A&T
Powell, Chas., Upton....A&T.
Powell, Parley, Upton...A&T.
Powelson, Stella, Goshen...N.

R.

Reid, H. L., Burlington, Wyo. .....C.
Reese, D. E., Frisco.....M.
Reynolds, Archie, Springville ..... H.S.
Richards, B. L., Fielding.Agr.
Riggs, Lyle, Payson .....N.
Rigby, Samuel, Fairview...N.
Roberts, Frank, Provo.....N.
Ross, Leah, Payson.....C.
Rowley, Eddie, Am. Fork...C.

S.

Sandberg, Josephine, St. George .....N.
Saxey, Claude, Provo.....C.
Shelley, T. W., Shelley, Ida..C.
Smart, Orene, Provo.....N.
Smith, Lazelle, Sanford, Colo. .....H.S.
Spiers, Vivian, Vernal.....N.
Staker, Nellie, Annabella...N.
Stevens, LaVern, Aurora...N.
Stout, Lydia, Leamington..N.
Straw, M. R., Springville.H.S.
Stringham, Zina, Vernal....N.

T.

Taylor, Katie, Provo.....H.S.
Taylor, Alta, Provo .....M.
Tenney, Louise, St. Johns, Ariz. ..... C.
Thorne, Myrtle, Shelley, Idaho .....N.
Tobler, Ernest, Santa Clara.C.

V.

VanBuren, Clyde, Orangeville .....N.
Vance, J. A., Provo.....A&T.
Vincent, Geo., Provo.....C.

W.

Webb, Junius Monroe....H.S.
Webb, Effie, Lehi .....C.
Weeks, Frank, Pl. Grove...C.
Whitecotton, W.W., Provo.Sp.
Wilson, Oren, Payson....H.S.
Wilkins, Winifred, Provo..N.
Wootton, Tracey, American Fork.....H.S.

Y.

Young, Nora E., Provo.....N.

SECOND YEAR HIGH SCHOOL.

A.

Adams, Isabel C., Provo..H.S.
Adams, Zola, Monticello...M.
Adams,Cornelia, Monticello.C.
Allred, B., Raymond Can.Agr.
Alvey, Dollie, Escalante.A&T.
Anderson, Emily, Provo....C.
Anderson, Zenobia, Ammon, Ida. .....A&T.
Ashby, S.F., Lake Shore.A&T.

B.

Banks, Leonore, Sp. Fork..C.
Bandley, Karl, Provo.....C.
Bayles, H. D., Bluff.....Agr.
Bean, Azua, Provo.....Sp.
Bee, Shirley, Provo.....C.
Beckstead,Virginia,Provo H.S.
Beckstead, Frank, Provo.H.S.
Benson, Melvin, Kamas..Agr.
Bestelmyer, Aug., Provo....C.
Bigler, Adelbert, St. George.C.
Billings, G. E., Provo.....C.
Bingham, Mark, Vernal..Agr.
Bird, Bella, Springville...H.S.
Boley, Elisha, Am. Fork...C.
Booth, Lilah, Provo.....C.
Bown, M. L., Provo.....C.
Bown, Hazel, Fayette...A&T.
Bowman, H. E., Dublan, Mexico .....C,
Brooks, Geo., St. George.Agr.
Brown, J. L., Grantsville...C.
Brown, Roy, Grantsville....C.
Brown, Howard, Provo.....C.
Brown, Ervin, Scipio....A&T.
Bullock, Lissie, Lonetree, Wyo. .....N.
Burgener, W. H., Midway..M.
Bushman, Sylvia, Lehi .....N.
Bushman, A., St. Joseph, Arizona .....Agr.

C.

Camp, Jennie, Provo.....M.
Chipman, Elmer, Am. Fork.N.
Christensen, A. A., Kanosh.C.
Christensen, E., Redmond..C.
Clark, Herald, Farmington H.S.
Clark, Martha, Alberta, Canada .....M.
Clark, Zella, Provo.....H.S.
Clove, James, Provo .....H.S.
Clyde, Nora, Heber.....H.S.
Cottam, J. H., St. George.H.S.
Cox, Ira, Fairview .....H.S.
Cox, Jennie, Provo.....C.
Crandall, Levere, Springville .....C.
Craven, Percy, Provo.....H.S.
Crosby, Jesse, Cowley, Wyo.C.
Cummings, Ethel, Kanosh..N.
Cutler, Lula, Glendale...A&T.
Cutler, H. F., Fredonia, Arizona .....C.
Cutler, Louis, Fredonia, Arizona .....C.

D.

Davis, Flora, Provo .....N.
Dean, Thos., Woodruff...H.S.
Dean, LeRoy, Woodruff..H.S.
Dotson, A.L., Minersville.H.S.
Duffin, Clarence, Provo...Agr.
Dunn, Erma, Provo.....M.
Dusenberry, Earl S., Provo H.S.
Dye, W. K., Moroni.....H.S.

E.

Edmunds, W. L., Provo.....C.
Eggertson, Doressa, Provo.N.
Epperson, Emery, Midway.M.
Epperson, L., Midway .....C.
Epperson, Amos, Midway..M.
Erickson, Lenore, Ferron..Sp.
Erickson, Ethel, Monroe...N.
Esplin, Clara, Orderville...N.
Eskelson, O. F., Kamas..Agr.
Eskelson, H. I., Kamas.....N.

F.

Farrer, Merton, Provo.....C.
Farrer, Leland J., Provo...C.
Fausett, Vera, Price.....N.
Ferguson, Lucile, Milford..M.
Fletcher, M. P., Provo....H.S.
Foy, Wm., Greenriver.....C.
Frandsen, Myrtle, Redmond.M.

G.

Garn, Edgar, Cedar Valley..C.
Gardner, Ada, St.George.A&T.
Gardner, Etta, St.George.A&T.
Gardner, Wm., Am. Fork...C.
Gardner, Cecil, Thistle...H.S.
George, J. M., Provo.....H.S.
Glazier, Maline, Provo.....M.
Greer, Alice, Provo.....H.S.
Guymon, Luella, Huntington .....H.S.

H.

Hansen, Andrew, Redmond.N.
Harding, Fern, Provo...A&T.
Hardy, M. O., Provo.....C.
Harmer, Pearl, Provo.. A&T.
Harmer, Isabelle, Provo...M.
Harvey, Wm., Pl. Grove...C.
Haws, Zora, Provo.....A&T.
Hawley, C. B., Central..Agr.

Hayes, Murray, Pl. Grove. H.S.
Henrichsen, Edwin, Provo..C.
Hickman, J. P., Milford....C.
Hill, Anna, Springville.....M.
Hill, Mary, Springville.....M.
Hilton, Hugh, Abraham....C.
Hinckley, Minerva, Provo A&T.
Hinckley, I. P., Provo...H.S.
Holdaway, Leland, Provo...C.
Holdaway, Walter, Provo..C.
Homer, Theressa, Provo....C.
Houston, Lorin, Panguitch H.S.
Houston, Nina, Panguitch..N.
Howe, Hazel, Provo.....H.S.
Hoyt, Ralph, Nephi.....N.
Hubbard, Althea, Willard..M.
Huff, Jennie, Benjamin..A&T.
Hunt, Fawn, Monroe.....N.
Huish, J. R., Payson.....Agr.
Hyde, Myrtle, Pocatello, Idaho .....A&T.

I.

Iverson, Eunice, Salem..... ..... N.

J.

Jensen, Ida, Heber .....N.
Jerman, Alonzo, Provo.....C.
Johnson, Fergus, Sp. City..C.
Johnson, Myrtle, Pl. Grove.N.
Johnson, Aug., Provo....A&T.
Jolley, Effie, Manti.....Sp.
Jones, Cleo, Provo.....A&T.
Jones, F. B., Provo.....C.
Jones, Eva, Provo.....H.S.
Jones, J. W., Beaver.....H.S.
Jones, M. W., Bluff.....Agr.
Jones, C. R., Byron, Wyo...C.
Jones, Thos., Heber.....C.

K.

Kienke, Zella, Provo....A&T.
King, Ervin, Coyoto.....C.
King, Florence, Coyoto..A&T.
Kirkham, Myrtle, Lehi.....N.
Kitchen, Mary, Junction..H.S.
Knight, Ernest, Woodland A&T.

L.

Lambert, Roy, Kamas....H.S.
Langston, Ella, Hinckley..N.
Laney, Vivian, Kamas..A&T.
Larsen, B. F., Springville..Sp.
Larsen, Jennie, Monroe.A&T.
Larsen, Floy, Monroe.....N.
Layton, Agnes, Thatcher, Ariz. .....A&T.
Lemon, Elias, Marion.....C.
Lewis, Bliss, Sp. Fork.....N.
Lewis, Ida, Kanab.....N.
Lichfield, Eugene, Goshen A&T.
Lillywhite, M., Morelos, Mexico .....C.
Lowe, Ellis, Willard.....H.S.
Luke, Forrest, Heber ....H.S.

M.

McArthur, Hetty, Huntington .....N.
McFadden, Sada, Provo.....C.
McGuire, Tessie, Heber....N.
McGuire, B., Heber.....Sp.
McMurrin, Vera, Provo....C.
McMurrin, J. L., Provo.....C.
Madsen, Edith, Provo.....M.
Madsen, Clara, Provo...A&T.
Manwaring, H., Mapleton...C.
Mathie, Katie, Huntington H.S.
Meldrum, Edith, Provo....N.
Mellor, Beatrice, Fayette....C.
Mellor, Effie, Fayette....H.S.
Mickelson, Anna, Manti..H.S.
Miller, Zella, Provo.....N.

Milner, Fayne, Raymond....C.
Miller, M. W., Price.....C.
Miner, Thorn, Springville.Agr.
Mitchell, Naomi, Salt Lake.N.
Mix, Bessie C., Provo....Sp.
Montgomery, Florence, Ogden ..... H.S.
Morgan, Frank, Willard..H.S.
Morrison, Ira, Benjamin..H.S.
Mortensen, J. W., Levan..Agr.
Mortensen,Amelia,Levan A&T.
Mortensen, A., Sanford, Colo. .....C.
Moulton, Addison, Heber...C.
Murdock, A. F., Charleston.N.

N.

Nelson, L. R., Provo..... ..... H. S.

O.

Oberhansly, Ray, Clinton..N.
Olsen, Marie, Moroni.....N.
Osterloh, Emelia, Lehi.....N.

P.

Pace, Ireta, Castleton...A&T.
Pace, Lynn, Castleton....Agr.
Pack, Dean A., Kamas....H.S.
Pack, Alpha, Provo.....M.
Palmer, Etta, Fayette.....N.
Parker, Ida, Abraham.....N.
Passey, Annie, Provo....A&T.
Pearson, Anna, Payette,Ida.N.
Pearson, Virgil, Draper.....N.
Peterson, Leah, Provo.....N.
Peterson, Eva, Provo.....C.
Petty, Melvin, Ferron.....C.
Poulson, M. W., Pl. Grove.N.
Prestwich, Sarah, Moroni..N.

R.

Ranson, Francis, Monroe...M.
Rasmussen, Mary, Redmond .....A&T.
Reed, Etta, Sanford,Colo.A&T.
Reader, Leon, Vernal.....C.
Reynolds, H. T.,Jr., Springville .....C.
Reynolds, P.C., Salt Lake.H.S.
Roberts, C. M., Provo.....C.
Robison, Ella, Pl. Grove....C.
Robison, Emma, Coalville..C.
Robison, Lois, Provo.....C.
Robinson, Horald, Farmington .....C.
Ronnow, Christie, Panaca, Nevada .....C.
Roylance, M. W., Provo....C.
Russell, G.O., Conejos, Colo.C.
Russon, J. F., Provo....A&T.
Rydalch, W. N., Provo....H.S.

S.

Salisbury, Lawrence.....M.
Salisbury, C., Richfield..A&T.
Schwencke, Chas., Provo..H.S.
Schwab, Dore, Provo....H.S.
Scott, Fern, Provo.....N.
Scott, Verna, Provo.....N.
Sevy, Milton, Panguitch..H.S.
Shelton, Eva, Heber.....N.
Shepherd, Josephine, Benjamin .....A&T.
Shipp, Clifford, Joseph .....C.
Simonds, Winona, Provo...N
Smart, F. S., Provo.....C.
Smart, Bessie, Vernal .....M.
Smith,Marion,Manassa,Colo.C.
Smith,S.R.,Snowflake,Ariz.Agr.

Smith, Katie, Sanford, Colo. N.
Smith, David, Fillmore.....M.
Snow, E. V., St. George...H.S.
Southwick, Edna, Provo....N.
Spafford, W. E., Provo...H.S.
Staker, J. B., Annabella..Agr.
Starr, Mary, St. George....N.
Steed, O. F., Stirling, Can...C.
Stevens, J. L., Mt. Carmel..N.
Stephensen, S. F., Levan....N.
Stephensen, Eva, Holden...C.
Stewart, Jetta, Milburn....M.
Stewart, Agnes, Provo.....Sp.
Stringham, Nora, Thurber. A&T
Sward, Ola, Provo.....C.
Swensen, J. L., Sp. Fork..H.S.
Swensen, Isaac, Sp. Fork...C.

T.

Tanner, Nettie, Payson..A&T.
Taylor, Nellie, Provo....A&T.
Taylor, Amie, Provo.....H.S.
Taylor, Elmina, Provo...H.S.
Taylor, Sterling, Provo...H.S.
Tenney, W. A., St. John, Arizona .....C.
Thompson, Bertha, Raymond .....C.
Thorne, Ida, Samoa .....H.S.
Tietjen, Elmer, Santaquin...C.
Tucker, C. H., Cowley, Wyo. C.
Tullis, Lena, Huntington...C.
Turner, Erma, Holden....H.S.

V.

Vance, Dora, Provo.....M.
VanWagoner, Ray, Provo. Agr.

W.

Walker, D. S., Provo....H.S.
Walker, Orion, Provo.....Sp.
Weeks, Emma, Pl. Grove. H.S.
West, Dora, Mercur .....N.
Whatcott, Wm., Kanosh....N.
Whittaker, Mose, Kanosh..N
Whiteley, Myron, Pl. Grove. C.
Wilson, David, Midway...H.S.
Wilson, Mae, Price.....N.
Witney, Daniel, Springville .....Agr.
Woodyatt, Tillie, Willard. H.S.
Woolsey, Parley, Escalante H.S.
Worsley, Ross, Provo.....C.

Y.

Young, Willard, Vernal.....C.
Young, Lyle, Vernal.....Agr.

FIRST YEAR HIGH SCHOOL.

A.

Adair, Wallace, Orderville..M.
Adams, Kisten, Bluff....A&T.
Allred, Warren, Ftn. Green. C.
Allred, W. E., Ftn. Green...C.
Allred, Aaron, Lehi.....Agr.
Allred, Wm., Provo.....H.S.
Andelin, Marian, Provo...H.S.
Anderson, Flora, Fairview..N.
Anderson, Alvin, Fairview. H.S.
Anderson, Levi, Elsinore...M.
Anderson, Ethel, Fountain Green .....A&T.
Anderson, Maggie, Monroe. M.
Anderson, Anna, Mt. Pleasant .....M.
Anderson, G. R., Lake Shore H.S.
Anderson, Alma, Salina...H.S.
Anderson, B. J., Lehi.....H.S.
Arrington, J. W., Milford...C.
Armitstead, Earl, Provo..H.S.

B.

Bachman, Elwood, Provo.H.S.
Baird, Effa, Kanab.....N.
Baker, Dianah, Sterling, Canada .....A&T.
Baker, May, Richfield...A&T.
Barber, Nellie, Marysvale..M.
Barney, Laura, Provo.....C.
Barney, Malinda, Golden, Montana .....H.S.
Barkdull,Jessie, Meadow.A&T.
Barrett, Myrtle, Provo..A&T.
Bassett, Irene, Provo.....H.S.
Batty, Emma, Vernal...A&T.
Bateman, Zilpha, Sandy.A&T.
Bateman, Wm., Alpine...H.S.
Baxter, Rachel, Silver...A&T.
Bean, J. H., Provo.....Agr.
Bean, Leffel, Provo.....H.S.
Beck, Elsie, Sp. Fork....A&T.
Beck, Wesley, Alpine.....H.S.
Beck, Daniel, Centerfield..H.S.
Beckstead, Violet, Provo...M.
Benson, Leroy, Kamas...H.S.
Berry, Lizzie, Cedar Valley .....A&T.
Berry, Ivy, Cedar Valley.A&T.
Berry, Allie, Provo.....M.
Bestelmyer, Katie, Provo.H.S.
Billings, Frank, Provo...H.S.
Billings, Leroy, Provo.....C.
Bingham, Edwin, Vernal.A&T.
Bird, Elmer, Mapleton....M.
Bird, Eva, Mapleton.....H.S.
Blake, J. E., St. George....C.
Black, Lorenzo, Deseret....C.
Blackham, Myrtle, Moroni..M.
Boberg, Eliza, Provo.....Sp.
Bond, W. J., Heber.....A&T.
Bonner, Chas., Midway..H.S.
Booth, Ralph, Nephi.....M.
Booth, H. R., Provo.....H.S.
Bowen, John, Sp. Fork.....C.
Bowman, S., Moapa, Nev...C.
Boshard, Marie, Provo.....M.
Boyer, M. Chloe, Springville .....N.
Brasher, Bertha, Huntington .....A&T.
Brereton, Elmo, Provo ....C.
Brimhall, Zoe, Preston, Ida..C.
Brimhall, Glen, Sp. Fork...C.
Bringhurst, Wm., Springville .....Agr.
Brixen, Martin, Salt Lake..C.
Brown, Lena, Joseph ...A&T.
Brough,Eva, Deweyville.A&T.
Bunker, Ether, Bunkerville, Nevada .....A&T.
Burch, Emma, Huntington..M.
Burgener, Arnold, Midway.M.
Bushman, Julia, Lehi....A&T.
Bushman, Virgil, St. Joseph, Arizona .....Agr.
Buss, Edith, R., Provo.....Sp.
Butler, Mable, Winter Quarters .....N.
Bybee, Myron, Tropic ...H.S.
Byers, Lydia, Provo.....H.S.

C.

Carter, Vera, Provo.....N.
Carter, J. A., Santaquin...C.
Carter, Gladys, Vernal.....C.
Carter, Fera, Vernal.....C.
Cassity, Marie, Provo...A&T.
Cassity, Leland, Provo.....C.
Cazier, Gerald, Nephi.....H.S.
Cederlund, Mary, Provo.A&T.
Chaffin, L., Farmington...H.S.
Cheney, Chas., Fairview....C.
Chipman, Lester, Am. Fk.Agr.
Chipman, E. L., Am. Fork..C.
Chipman, Bessie, Magrath, Canada .....C.
Chipman,Myron,, Am. Fork.C.
Chipman, Milton, Am. Fork.C.
Choules, Albert, Provo.....C.
Christensen, R. W., Mayfield ..... C.
Christensen,Axel, Central.Agr.

Christensen, Eva, Redmond ..... A&T.
Clark, Fern, Panguitch.....M.
Clegg, F. W., Heber.....H.S.
Clinger, Arnold, Provo.....C.
Clove, Frank, Provo.....H.S.
Cluff, Ethel, Provo.....A&T.
Cluff, Ivy, Provo.....H.S.
Cluff, Emmett, Provo....H.S.
Cook, Blanche, Timpanogos .....N.
Colvin, Tracey, Provo....H.S.
Colvin, Zeela, Payson...A&T.
Coleman, Jane, Teasdale.A&T.
Cope, Morris, Tropic....H.S.
Corbett, Wm., Provo.....C.
Cotrel, Arminta, Raymond, Canada .....C.
Crandall, Roscoe, Springville .....C.
Crandall, Elmo, Provo...H.S.
Crawford, W.G., Provo..A&T.
Crook, Clark, Heber.....Agr.
Crossman, F. B., Am. Fork..C.
Cummings, Lillian, Heber..M.
Cutler, Lillian, Glendale...N.

D.

Dahlquist, Effie, Provo.....N.
Dalby, Verney C., Levan...N.
Davis, Ethel, Goshen.....C.
Davis, Ira M., Lehi.....H.S.
Day, A. E., Provo.....M.
Deal, Zella, Springville..H.S.
Dean, LeRoy, Woodruff..H.S.
Dean, Arthur, Woodruff....N.
Dean, Wm., Woodruff.....N.
Decker, Wayne, Provo.....C.
Dimond, E. R., W. Jordan...C.
Dimond, Geo., W. Jordan..C.
Duffin, Cyril, Provo.....C.
Duke, Naomi, Heber.....N.
Dunn, Vera, Mammoth....C.
Dunn, John, Am. Fork.....C.
Durnford, Neil, Evanston, Wyoming .....H.S.
Dusenberry, Edith, Provo..C.

E.

Eastmond, Frank, Provo.A&T.
Edwards, C. M., Gunnison..C.
Eggertsen, Lorie, Provo...C.
Eggertsen, L. E., Provo..H.S.
Ellertson, Leo, Mona .....C.
Ellertson, Hazel, Mona....C.
Ellsworth, Ronold, Mesa, Arizona .....C.
Ellsworth, Sarah, Payson..N.
Eskelson, Earl, Lexington, Oregon .....H.S.
Evans, Irene, Provo.....H.S.
Evans, Emma, Provo.....N.
Evans, Effie, Provo.....C.
Evans, Romnie, Provo.....Sp.
Eyre, Gladys, Cowley, Wyoming .....A&T.

F.

Farrer, Maud, Provo.....H.S.
Farrer, Mary, Provo.....C.
Fawcett,Claud, Lund, Nev.H.S.
Fawns, Lizzie, Raymond, Canada .....H.S.
Finlinson, Ray, Oak City...M.
Finlayson, F. L., Provo..A&T.
Fjelstead, S. Centerfield...M.
Foster, Ruth, Provo.....H.S.
Foote, Laurel, Provo.....M.
Fowler, Daryl, Lehi .....H.S.
Frisby, LeRoy, Provo.....C.
Fullmer, Ida, Circleville....M.
Fullmer, Olive, Helper...H.S.

G.

Galli, Ora, Midway .....N.
Gardner, Maggie, Pine Valley .....M.
Gardner, Missia, Pine Valley ..... A&T.
Gardner, Hazel, Thistle...H.S.
Gardner, Eugene, Salem....N.
Gardner, Arthur, Pine Valley .....C.
Gardner, Serenus, Sp. Fork.C.
Gardner, Clarke, Payson..H.S.
Geddes, Edna, Preston, Ida.M.
Gibbs, Henry, Provo.....N.
Gibbons, Albert, Oakley....C.
Giles, Laura, Fillmore...A&T.
Giles, Beulah, Provo.....C.
Gillespie, A., Provo.....C.
Goddard, Etta, Provo...A&T.
Grant, Irene, Theodore.....M.
Gray, Harriet, Provo.....C.
Greenwood, R. H., Central.N.
Greenwood, L.D., Central.Agr.
Greer, Nathaniel, Provo...H.S.
Gull, Tracy, Robinson.....N.

H.

Hafen, Delia, Springville...M.
Halls, Frank, Mancos, Col.Agr.
Hall, Mabel, Provo.....N.
Hales, Lutie, Mercur....A&T.
Hales, Ruby, Eureka.....Sp.
Hansen, Hannah, Fairview ..... A&T.
Harding, Cleon, Provo...Agr.
Harding, Vera, Provo....H.S.
Harmer, Lida, Provo.....H.S.
Harmer, Roy, Springville...C.
Harvey, Ora, Pl. Grove....N.
Harris, Berry W., Cardston, Canada ..... H.S.
Hathenbruck, Madeline, Provo ..... H.S.
Heaps, Lucy, Teasdale..A&T.
Henrie, Florence, Provo...M.
Hendrix, Philo, Lund, Nevada .....H.S.
Hendrix, Gideon, Lund, Nevada .....H.S.
Hendrix, Roy, Lund, Nevada .....H.S.
Heninger, W., Magrath, Canada .....H.S.
Henline, Addie, Provo.....Sp.
Henline, Ada, Provo.....Sp.
Henderson, Mary, Gilmer, Texas ..... C.
Herbert, Leslie, Iona, Ida..C.
Hess,Marion,Farmington. H.S.
Higginson, Mary, Sp. Fk.A&T.
Hilton,Eughen, Abraham.H.S.
Hinckley, Josie, Provo....M.
Hinckley, R. H., Provo..H.S.
Hislop, John, Vernal.....Agr.
Holdaway, Edna, Provo.A&T.
Holdaway, Florence, Provo ..... A&T.
Holbrook, Florence, Provo.N.
Homer, Myrtle, Provo.....M.
Hone, Myrtle, Provo.....C.
Houston, Wallace, Panguitch .....H.S.
Houtz, Austin, Mapleton.H.S.
Houtz, Elwood, Provo...H.S.
Humphries,Harry,Murray H.S.

J.

Jackson, Alva L., Oasis.....N.
Jennings, Lila, Levan.....N.
Jepson, Jesse, Virgin.....Agr.
Jex, R. L., Sp. Fork.....C.
Johnson, Edw., Benjamin.H.S.
Johnson, Frank, Provo...Agr.
Johnson,Florence, Provo.A&T.
Johnson, Susie, Kanab...H.S.
Johnson,Tilford, Scipio..A&T.
Johnson, Lafayette, Provo..N.

Johnson, Josie, Provo....H.S.
Johnson, Ole C., Salem..H.S.
Johnson, Ethel, Elsinore...N.
Johnson, Bessie, Provo...H.S.
Johnson, Grace, Provo..A&T.
Johnson, Don., Sp. City..H.S.
Jones, Lael, Provo.....H.S.
Jones, Wallace, Sp. Fork.H.S.
Jones, Lewis, Provo.....C.
Jones, Calvin, Sanford, Col.C.
Jones, Henry, Provo.....H.S.
Jorgensen, E. B., Provo..H.S.

K.

Kapple, Albert, Payson...Agr.
Kartchner, Ellora, Provo.A&T.
Kay, Matilda, Sunnyside...M.
Kirk, Lester, Pl. Grove....C.
Kirkham, Nathan, Lehi ...Sp.
Knight, Iona, Provo .....H.S.
Knowlden, Lucile, Provo.H.S.
Knudsen, W. M., Lehi.....C.
Knudsen, Alice, Lehi...A&T.
Kocherhans, Julia, Tropic
..... A&T.
Kocherhans, W. G., Tropic.C.

L.

Lambert,Eudora, Kamas A&T.
Lambert, Olive, Kamas.A&T.
Larsen, G. W., Sandy.....C.
Larsen, Louise, Sp. City...N.
Lauritzen, Tana, Richfield
..... A&T.
Lawrence, Fay, Sp. Fork H.S.
Lee, Melvin, Panaca, Nev...C.
Leavitt, N. K., Bunkerville
..... H.S.
Leavitt, T., Bunkerville,
Nevada .....M.
Lerwill, J. B., Payson.....H.S.
Leetham, Moroni, Lake
Shore ..... A&T.
Lesueur, Ray, Mesa, Ariz..C.
Leetham, Vernon, Lake
Shore .....C.
Leetham, Arthur, Lake
Shore ..... A&T.
Leonard, L., Huntington..H.S.
Lewis, Annie, Sp. Fork..A&T.
Lewis, Cora, Sp Fork.....C.
Lewis, Bertha, Provo.....H.S.
Lorentzen, Edden, Salina.Agr.
Loose, R. E., Provo.....H.S.
Lowe, Ernest, Parowan....C
Lund, Rosilla, St. George.H.S.
Lyman, Edw., Bluff.....Agr.

M.

McAdam, Clyde, Provo...H.S.
McAllister, Maleta, Kanab..M.
McArthur,Arthur, St.George C.
McClellan, F, Payson.....C.
McDonald, Storm, Heber.H.S.
McEwan, J. L., Provo.....C.
McEwan, Bessie, Provo..H.S.
McGuire, F. D., Heber....N
McKell, Arthur, Sp. Fork..C.
McKenzie, Wm., Spring-
ville C
McKinney, Ethel, Fairfield.C.
Mace, Emily, Provo.....H.S.
Madsen, Roy, Gunnison..H.S.
Magleby, Fern, Monroe....C.
Magleby, Ivy, Monroe...A&T.
Mahoney, Ray, Heber.....C.
Mangum, Amy, Provo....H.S.
Marshall, Geo., Provo.....C.
Martin, Myra, Scipio.....N.
Massey, Viola, Heber....H.S.
Mathews, Lewis, Provo...H.S.
Maycock, Freda, Springville.C.
Maycock, Lou, Provo.....Sp.
Memmott, Alton, Scipio.A&T.
Mickelson, Elmer, Manti.Agr.

Mickelson, Minerva, Manti.M.
Mantgomery, Levi C., Heber ..... H.S.
Moulton, Merril, Heber..H.S.
Moulton, Lula, Heber...A&T.
Murdock, Sadie, Heber....N.
Murdock, Douglas, Heber..C.
Murdock, Della, Heber..A&T.
Murdock, Carrie, Charleston ..... A&T.

N.

Nelson, Milo, Provo....H.S.
Nelson, Stirling, Provo.....C.
Nelson, Verne, Provo.....H.S.
Nelson, Asael, Provo.....M.
Newell, M. S., Provo.....H.S.
Newren, Leon, Scofield.....C.
Newton, Oscar, Mona .....C.
Nicholes, Ray D., Am. Fk.H.S.
Nicholes, Laura, Coyoto.H.S.
Nielson, L. B., Springville..C.
Nielson, Barta, Leamington ..... H.S.
Nixon,Olive, Huntington.A&T.

O.

Oberhansly, Wm., Thistle ..... A&T.
Odekirk, Leroy, Vernal.....C.
Overlade, Eldon, Provo....C.
Owens, Della, Safford, Ariz. ..... A&T.
Owens, H. E., Provo.....H.S.

P.

Pack, Ethel, Provo.....A&T.
Parker, Bartle, Am. Fork...C.
Parry D,. W., Lake Shore.H.S.
Patten, Ruby, Provo.....Sp.
Patterson,W.O.,Sp. Fork A&T.
Paxman, Delos, Provo.....C.
Pearson,Herschel, Draper.H.S.
Perry, Alvin, Provo.....H.S.
Peterson, Florence, Ephraim .....M.
Peterson, Ella, Provo...A&T.
Peterson, Clarence, Kingston ..... H.S.
Peterson, Erastus, Levan...N.
Peterson, Earl, Levan....H.S.
Peterson, Wallace, Lehi..H.S.
Petty, Effie, Ferron....A&T.
Pierce, June, Springville..H.S.
Pinney, Belle, Provo.....C.
Pond, J. M., Thatcher, Arizona .....H.S.
Powelson, Bert, Raymond, Canada .....Agr.
Preator, Sarah, Burlington, Wyoming .....A&T.
Probert, Nellie, Provo.....Sp.
Probert, Estella, Provo..A&T.
Probert, Grover, Provo..A&T.
Probert, Karl, Provo....A&T.
Pulham, B. F., Provo.....Sp.
Pyne, Rachel, Provo.....H.S.
Pyne, Hannah, Provo.....Sp.

R.

Raile, Samuel, Provo.....Sp.
Ralphs, J. C., Ferron.....H.S.
Ramsey, Olive, Provo...A&T.
Rasband, J. S., Heber .....C.
Rasmussen, Mayr, Provo...C.
Rawlings, James, Provo..H.S.
Redd, Charles, Bluff.....Agr.
Redd, Carlie, Bluff .....A&T.
Remington, Wm., Parker, Idaho .....C.
Reynolds, Melva, Kamas.A&T.
Richards, Claud, Carey, Idaho .....H.S.
Riddle, M. C., Coyoto.....C.

Ritchie, Mabel, Charleston..N.
Robbins, Margie, Scipio....C.
Roberts, Marion, Mona....N.
Roberts, Belle, Provo...A&T.
Roberts, Don., Vernal.....N.
Robinson, F. D. Oakley, Idaho .....H.S.
Robinson, Rosetta, Eureka .....C.
Rose, Ora S., Am. Fork...Sp.
Roundy, Wallace, Escalante.C.
Roundy, Nellie, Provo...A&T.
Rowan, Eva, Coyoto....A&T.
Roylance, Lillie, Provo.....C
Rudd, G. F., Parker, Ida....C.
Russell, Sally, Taber, Canada ..... A&T.
Russell, R. M., Conejos, Colo. .....C.
Russell, Lewis, Taber, Canada .....C.

S.

Salisbury, Teresa, Richfield ..... A&T.
Salisbury, Vera, Provo.....M.
Sargent, Jennie, Payson.A&T.
Saxey, Grace, Provo.....Sp.
Schofield, Mabel, LaGrande, Oregon .....M.
Scott, Hattie, Provo.....Sp.
Scott, Inez, Provo .....N.
Secrist,Ethlyn, Farmington.M.
Seegmiller, D. A., St. George ..... Agr.
Senior,Oliver, Springville.H.S.
Sharp, Rosita, Provo.....H.S.
Shepherd, Floy, Levan..A&T.
Shepherd, John, Salina.....N.
Shields, Wallace, S. Jordan.C.
Shipp, Edna, Joseph .....N.
Simmons, Bertha, Charleston .....A&T.
Skousen, Don, Raymond, Canada .....H.S.
Skousen, Malinda, Raymond, Canada .....A&T.
Smellie, Irene, Raymond, Canada .....H.S.
Smith, Emery, Raymond..Sp.
Smith, Orissa, Raymond..Sp.
Smith, Earl, Heber .....C.
Smith, S. D., Myton.....C.
Smith, Ethel, Thurber...A&T.
Snow, Hattie, Provo.....C.
Snow, Spencer, Provo....H.S.
Snow, Vernie, Provo.....C.
Snow,Emma J.,Teasdale.A&T.
Snow, Arletta, Provo .....N.
Snyder, Mamie, Provo...A&T.
Southwick, Gladys, Lehi.A&T.
Southwick, Mabel, Lehi.....C.
Southwick, L. A., Provo..H.S.
Sorenson,Marlin,Centerfield M.
Sorenson, James, Redmond.C.
Spendlove, J. A., Provo...H.S.
Spencer, Ray, Clinton....H.S
Spilsbury, D. L., Toquerville ..... H.S.
Sprague, K. G., Monroe...H.S.
Sprague, O, Bunkerville, Nevada .....M.
Staheli, Wm., Santa Clara..M.
Stapley, W. B., Loa.....C.
Stayner, Ray, Fielding...H.S.
Steed, Merlin, Stirling, Canada ..... C.
Stevens,Wilford, Aurora.A&T.
Stevens, Nellie, St. George.M.
Stephens, Isaac, Idaho Falls.C.
Stone, Vernit, Scipio....A&T.
Storrs, J. B., Am. Fork..H.S.
Stringham,Briant, Vernal.H.S.
Strong, Fred, Alpine.....H.S.
Strong, Lynn, Provo.....C.
Stucke,Harmon,Santa Clara N.
Swenson,Olivia, Sp.Fork A&T.
Swisher, Ethyl, St. Anthony, Idaho .....A&T
Sutton, Lynn, Provo.....H.S.
Symes, J. H., Provo .....C.

T.

Taylor, Zina H., Goshen...N.
Taylor, Herbert, Lehi ....H.S.
Taylor, Heber R., Provo..H.S.
Taylor, Ruth, Provo.....H.S.
Taylor, Joseph, Provo...H.S.
Tenney, Grace, St. Johns, Arizona ..... H.S.
Terry, Fannie, Timpanogos ..... H.S.
Terry, Roselee, Timpanogos N.
Tew, Warren, Mapleton..H.S.
Thomas, Josiah, Provo...H.S.
Thomas, Clarice, Provo....C.
Thomas, Hazel, Heber.....N.
Thompson, David, Annabella .....H.S.
Thornton, Eddie, Iona, Ida. ..... A&T.
Thornton, Oliver, Am. Fork ..... A&T.
Toone, Ellen, Devil Slide...C.
Turner, Zella, Holden.....M.

U.

Udall, H. G., Eagar, Ariz..... ..... H.S.

V.

Vance, Sadie, Provo .....Sp.
Vaughan, Leon, Idaho Falls ..... H.S.
Vest, Eva, Mona .....C.
Vincent, Leon, Provo.....H.S.

W.

Warner, Myron, Sp. Fork..N.
Warrens, Geo., Darlington, Mo. .....H.S.
Watkins, Nellie, Provo...H.S.
Watkins, Emma, Provo.....C.
Webb, Carl, Monroe.....M.
Webb, Ray, Monroe.....H.S.
Webster, F., Charleston.A&T.
Wheeler, H. C., Collinston ..... H.S.
Whipple, Ray, Aurora.....C.
Whiteley, Marian, Pl. Grove ..... A&T.
Whiting, Martin, Mapleton.N.
Williams, Jean, Provo.....N.
Williams,Mrs. S.W., Provo Sp.
Wilson, Isabel, Midway....N.
Willis, Marion, Cowley, Wyo. ..... C.
Wilkins, Louis, Provo.....C.
Winter, Christian, Levan.H.S.
Winterton, R. S., Magrath, Canada ..... M.
Wood, Abbie, Sp. Fork.A&T.
Wood, Alice, Bluff .....C.
Wood, Lizzie, Bluff.....C.
Woolley, H. W., Vernal....C.
Woolley, Grace, Kanab...H.S.

Y.

Yates, Harry, Scipio.....H.S.
Young, Dow, Provo.....C.
Young, Kimball, Provo...H.S.

Z.

Zabriskie, Walter, Provo..... ..... C.

General Index.

PAGE.

Admission 28
Agriculture 120, 121, 122
Agronomy 125
Animal Husbandry 123
Applied Science, Courses in 49
Astronomy 40
Authorities of the University 4
Band 97
Band Course for Women 98
Beckstead Laboratory 22
Bookkeeping 88
Botany 37, 79
Brief Course in Bookkeeping 86
Brief Course in Shorthand and Typewriting 87
Business Course, Four Year 85
Calendar 2
Certificates, Special in Music 99
Chemistry 41, 80
Civics 91
Civil Engineering 49, 51
Clarinette 98
College, The 28
Commercial Arithmetic 89
" Geography 94
" Graduates 24
" School 84
Committees, Standing 12
Cornet 98
Correspondncee 92
Department of Agriculture 55
" " Art 108
" " Biology 38, 79
" " Band and Orchestra 97
" " Chemistry 41

PAGE.
Department of Commercial Painting and Decoration 111
" " English 34, 71
" " Education 45
" " Fine Art 48
" " Foreign Languages 37, 73
" " Geological Science 40
" " History and Social Science 44
" " History and Economics 76
" " Household Economics 115
" " Manual Training 64
" " Mathematics 46, 77
" " Natural Science 39, 79
" " Pedagogy 61
" " Philosophy 46
" " Physical Culture 81
" " Physical Science 80
" " Physics 42
" " Physiography and Geology 78
" " Special Elocution 83
" " Trades 112
" " Theology 33, 70
" " Vocal Music 96
Design 109
Diplomas in Music 99
Domestic Art 106, 116
" Organization 24
" Science 105, 115
Drawing 65, 108
Draughting 53, 104, 110
Dressmaking 113
Economics 44, 77
English Course 68
Enrollment of Students 130
Entrance Requirements 28, 58, 66, 85, 101
Ethics 47
Executive Committee 6
Exhibitions 102
Faculty 7
Fees and Expenses 25
French 37, 74
General Course 67
Geology 78
German 37, 74
Graduates for 1907-8 128
Graduation 32, 59, 66, 85, 102
Harmony 96
High School 66

PAGE.
History of Brigham Young University 13
History, Courses in 44
Horticulture 122
Ironwork 54, 112
Kindergarten Department 57
" Normal Course 60
" Practice 64
" Theory 63
Laboratories 20
Laboratory Fees 26
Latin 38, 73
Law 90
Library, The University 20
Literary Society, The 19
Masterbuilder Club 19
Millinery 114
Missionary Course 82
Museum 23
Music, Private Instruction in 98
Music Society, The 19
Nature Study 60
Normal Course 59
Normal Manual Training 65
Normal School 57
Nursing, Course in 82
Officers 3
Orchestra 98
Organization 17
Pedagogics 45
Penmanship 91
Philosophy, History of 46
Physics 80
Physiology 79
Physiography 78
Piano Music 97
Pictorial Art 48
Plant Physiology 79
Polysophical Society 18
Practical Mechanics 105
Preparatory School 127
Presidency of University 7
Prizes in Public Speaking 23
Psychology 47, 62
Regular Art Course 102
Rules of Discipline 24
School Equipment 20
School of Agriculture 119
School of Arts and Trades 100
School of Music 95

PAGE.
School Societies 18
Scientific Course 69
Secondary Schools 57
Shop Practice 114
Shorthand 92
Singing 96
Sociology 45
Spanish 75
Special Course in Bookkeeping 87
Special Course in Shorthand and Typewriting..... 88
Spelling 92
Stake Boards of Education 5
Studio Work 109
Surveying 54
Theory of Teaching 61
Training 62
Training School Faculty 12
Typewriting 93
University Council 6
Veterinary Science 126
Vocal Music 96
Woodwork 53, 104, 112
Zoology 79